



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

Office of Chemical Safety  
and Pollution Prevention

April 26, 2019

Dr. Chris Hofelt  
BASF Corporation – Agricultural Products  
26 Davis Drive, PO Box 13528  
Research Triangle Park, NC 27709-3528

Dear Dr. Hofelt:

Pursuant to your data transfer request received August 31, 2018 we have approved the transfer of data ownership from BAYER CROPS SCIENCE LP, company number **264**, to BASF CORPORATION - AGRICULTURAL PRODUCTS, company number **7969**. The data transfer is effective as of the date of this letter. After this date, BASF CORPORATION, company number **7969** will be considered the data owner.

We note that Exclusive Use was transferred with only 179 of the 958 MRIDs listed in this data transfer. Please keep this letter in your records as the EPA does not track ownership of data in our database. Also, EPA does not track, nor have access to, the special co-ownership or data sharing rights that the companies may have. This letter only signifies our recordation of the new ownership. This action will **not** automatically be reflected on the Data Submitters List. If you wish to be added to the Data Submitters List, you must submit an additional request to:

Document Processing Desk (DSL)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460-0001

By copy of this letter we are informing the transferor of these changes. If you have any questions about this transfer approval, please call Louis Vaughn at (703) 308-8114.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Smith", is positioned above the typed name.

Kimberly Smith, Chief  
Information Services Branch  
Information Technology and Resources  
Management Division. (7504P)

cc: MS. SUNDEE WILLIAMS and  
MR. GEORGE SABBAGH  
BAYER CROPSCIENCE LP  
800 N. LINDBERGH BLVD.  
ST. LOUIS, MO 63167

**RE: L\_264\_DAT\_7969\_04\_26\_2019**

## CHECKLIST FOR TRANSFER of DATA

Transferee: <b>BAYER CROPSCIENCE LP</b>		Co. #: <b>264</b>	
Transferee: <b>BASF CORPORATION - AGRICULTURAL PRODUCTS</b>		Co. #: <b>7969</b>	
Transfer Type: <b>Data</b>		Date: LTR: <b>08/21/18</b> PP: <b>08/31/2018</b>	
CHECK	REQUIREMENTS		
√	Entry into Log Book	√	Company info checked in OPPIN and printed
√	Products verified in OPPIN (active/cancelled/suspended, etc.)	√	Maintenance Fee Records checked (active/cancelled/SLN/fee paid)
	<b>Ensure That the Package Contains the Following:</b>	<b>COMMENTS</b>	
√	(1) XFER Agreement Has <b>Original Signatures, Date Signed, Names and Titles</b> of signatories from both parties?		
√	(2) Name, Address & State of Incorporation of Transferor (& Co. #)	<b>DE</b>	
√	(3) Name, Address & State of Incorporation of Transferee (& Co. #.)	<b>DE</b>	
√	(4) Statement that the Transferor transfers to the Transferee all right, title, and interest in the data items listed in the document.		
√	(5) Statement that the Transferor and Transferee understand that any false statement may be punishable under law (18 USC1001)		
√	(6) List of Data Items Being Transferred.	<b>958 MRIDs ( 779 No EU and 179 With EU)</b>	
√	(7) Is Exclusive Use Transferred?	<b>Yes (with 179 of them)</b>	
<b>DATA</b>	Data transfers must also include: (1) Name of the study; (2) Is study exclusive use (if so, when does exclusive use expire); (3) Name of person or lab that <u>conducted</u> the study; (4) Date study submitted to EPA; (5) MRID or other EPA administrative number.		
	(10) <b>Notarized</b> Affirmation Statement from Transferor <b>Affirming</b> that:		
√	<b>(A)</b> The person signing the transfer agreement is authorized by the original data submitter (transferor) to bind the Transferor.		
√	<b>(B)</b> No court order prohibits the transfer, & that any required court approvals have been obtained.		
√	<b>(C)</b> The transfer is authorized under all relevant Federal, State & local laws, & all relevant corporate charters, bylaws, partnerships, or other agreements.		
	<b>Note:</b> It is preferable that the Affirmation Statement be signed by someone <u>other</u> than the person signing the transfer agreement.		
	OPPIN Work (Actual Transfer)	N/A	
	Generate Letter and Give to Branch Chief for Signature		
Copies of Letter Made and Distributed/Mailed			
√	Copy to Transferor	√	Copies to RD and JFR and PM24, PM94
√	Copy to Transferor	√	In Transfer File
√	Updated Log Book	<b>Completed: L. Vaughn Date: 04/26/2019</b>	
<b>Comments:</b> We note for reference that this Data Only Transfer was submitted along with a separate Registration XFER. Submitted after the 04/25/2018 publication of change in "New Production" (and new paragraph in approval letter) per OGC opinion.- LWV			

## Vaughn, Louis

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**From:** Vaughn, Louis  
**Sent:** Friday, April 26, 2019 5:01 PM  
**To:** 'catherine.holmes@basf.com'; 'Chris.Hofelt@BASF.com'; 'George.Sabbagh@Bayer.com'  
**Cc:** 'Sundee Williams'; 'John.Arthur@BASF.com'; Kraft, Erik; Reynolds, Alan  
**Subject:** Transfer 264\_DAT\_7969 (B)  
**Attachments:** L\_264\_DAT\_7969\_04\_26\_2019.pdf; 264\_DAT\_7969\_PartA.pdf; 264\_DAT\_7969\_PartB.pdf

Attached, is the requested Data Transfer from **BAYER CROPSCIENCE LP (264)** to **BASF CORPORATION - AGRICULTURAL PRODUCTS (7969)**. Due to a sale, you transferred 958 MRIDs of which 779 transfer with No Exclusive Use and 179 are transferring with Exclusive Use rights.

For Change of Address or Agent:

<http://www2.epa.gov/pesticide-registration/pesticide-registration-manual-how-report-changes-company-name-or-address>

For Product Transfers, Data Transfers or Company Numbers Transfers:

<http://www2.epa.gov/pesticide-registration/pesticide-registration-manual-chapter-16-transfer-product-registrations-and>

For Other Information: <http://www2.epa.gov/pesticide-registration/pesticide-registration-manual>

Louis Vaughn, MS  
Information Management Specialist  
U.S. Environmental Protection Agency  
OCSPP/OPP/ITRMD/ISB  
vaughn.louis@epa.gov





August 21, 2018

Document Processing Desk (XFER)  
Office of Pesticide Programs - H7504P  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202

Dear Mr. Vaughn:

**Subject:                   Bayer CropScience LP (EPA Company Number 264)  
Transfer of Data and Compensation Rights to  
BASF Corporation  
(EPA Company Number 7969)**

Bayer CropScience LP [EPA Company Number 264] (the Transferor) requests that the U.S. Environmental Protection Agency transfer product data and compensation rights to BASF Corporation [EPA Company Number 7969] (the Transferee).

A Transfer Document, executed by authorized representatives of both parties, provides the required documentation and affirmations, delineated at 40 CFR §152.98(a) and (b), to effect this request for transfer of data and compensation rights, if applicable. The Transfer Document is enclosed with this letter.

Under the terms of 40 CFR §152.98(c), I understand that the Agency will notify the Transferor and the Transferee of its approval of this transfer request.

Please contact Sundee Williams at 919-549-2255 or [sundee.williams@bayer.com](mailto:sundee.williams@bayer.com) if you require any additional information. Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Graney".

Robert Graney  
Bayer CropScience LP



Transfer of Data  
Crop Science  
A Division Of Bayer  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Required by 40 CFR 152.98

(1) Name, Address and State of incorporation of transferor:

Bayer CropScience LP  
(EPA Company Number 264)  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709  
State of Incorporation: Delaware

(2) Name, Address and State of incorporation of transferee:


BASF Corporation  
(EPA Company Number 7969)  
26 Davis Drive  
Research Triangle Park, NC 27709  
State of Incorporation: Delaware


(3) Data being transferred:

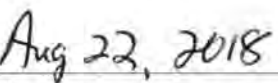
**"See Attached List"**

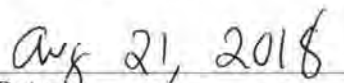
(4) The transferor, Bayer CropScience LP, transfers irrevocably to the transferee, BASF Corporation, all right, title and interest in the data listed in this document in (3) above.

(5) The transferor and transferee understand that any false statement in this document may be punishable under 18 U.S.C. 1001.

  
Robert Graney  
Authorized Representative of Transferor  
Bayer CropScience LP

  
John Arthur  
Authorized Representative of Transferee  
BASF Corporation

  
Date

  
Date

Notarized Statement  
Required by 40 CFR 152.98(c)

The transferor, Bayer CropScience LP hereby affirms that:

- (1) The person signing the transfer agreement, Robert Graney, is authorized by the registrant to bind the transferor.
- (2) No court order prohibits the transfer, and any required court approvals have been obtained.
- (3) The transfer is authorized under all federal, state and local laws and all relevant corporate charters, bylaws, partnerships, or other agreements.

Kristine Kring  
Kristine Kring  
Assistant Secretary  
Authorized Representative of Bayer CropScience LP

Date: 8-27-18

**1) NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )

STATE OF North Carolina )

COUNTY OF Durham )

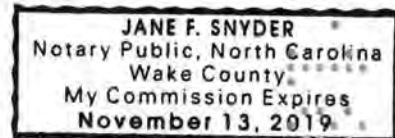
I, Jane F. Snyder, a Notary Public for <sup>Wake</sup>~~said~~ County and State, do hereby certify that Kristine Kring personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27<sup>th</sup> day of August, 2018.

Jane F. Snyder  
Notary Public

My commission expires:

Nov. 13, 2019



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142429	American Hoechst Corp. (19??) HOE-39866 Non-selective Herbicide: Product Chemistry. Unpublished compilation. 76 p.	9/25/1984	No	06/29/2003	06/29/1993
142430	American Hoechst Corp. (19??) HOE 39866: Summary of Toxicology. Unpublished study. 22 p.	9/25/1984	No	06/29/2003	06/29/1993
142431	Mayer; Weigand (1980) Acute Oral Toxicity of HOE 39866 - Active Ingredient (Code: HOE 39866 O H AS201) to the Male Rat: Report No. 587/80; A21789. Translation of unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
142432	Mayer; Weigand (1980) Acute Oral Toxicity of HOE 39866 - Active Ingredient (Code: Hoe 39866 O H AS201) to the Female Rat: Report No. 588/80; A21788. Translation of unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
142433	Mayer; Weigand (1980) Acute Oral Toxicity of Hoe 39866 - Active Ingredient (Hoe 39866 O H AS201) to the Male Mouse: Report No. 547/80; A21787. Translation of unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142434	Mayer; Weigand (1980) Acute Oral Toxicity of Hoe 39866 - Active Ingredient (Code: Hoe 39866 O H AS201) to the Female Mouse: Report No. 546/80; A21647. Translation of unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142435**	Mayer; Kramer (1980) Acute Oral Toxicity of Hoe 39866 - Active Ingredient (Code: Hoe 39866 O H AS201) to the Male and Female Beagle Dog: Report No. 543/80; A21790. Translation of unpublished study prepared by Hoechst AG. 5 p.	9/25/1984	No	06/29/2003	06/29/1993
142436	Mayer; Weigand (1982) Acute Percutaneous Toxicity of Hoe 39866 - Active Ingredient Techn. (Code: Hoe 39866 O H AT203) to the Male Rat: Report No. 495/82; A25270. Translation of unpublished study prepared by Hoechst AG. 4 p.	9/25/1984	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142437	Mayer; Weigand (1982) Acute Percutaneous Toxicity of Hoe 39866 - Active Ingredient Techn. (Code: Hoe 39866 O H AT203) to the Female Rat: Report No. 496/82; A25269. Translation of unpublished study prepared by Hoechst AG. 4 p.	9/25/1984	No	06/29/2003	06/29/1993
142438	Mayer; Weigand (1982) Hoe 39866 - Active Ingredient Techn. (Code: Hoe 39866 O H AT203): Irritation to the Rabbit Skin and Eye Mucosa: Report No. 476/82; A25271. Translation of unpublished study prepared by Hoechst AG. 10 p.	9/25/1984	No	06/29/2003	06/29/1993
142439	Rupprich; Weigand (1983) Hoe 039866-- Active Ingredient (Code: Hoe 039866 OH ZC95 0001): Testing for Sensitizing Properties in Pirbright-White Guinea Pigs According to the Method of Buehler; Report No. 83.0701; A28842. Unpublished study prepared by Hoechst AG. 15 p.	9/25/1984	No	06/29/2003	06/29/1993
142440	Gericke, D. (1978) Test for Mutagenicity in Bacteria Strains in the Absence and Presence of a Liver Preparation: Bericht-Nr. 56/78; A18971. Unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142441	Ohtaki, Y.; Nomura, A.; Nakayoshi, H.; et al. (1981) In vitro Microbial Assay for Mutagenicity Testing of HOE 39866 OH AS 201: Experiment Number NRI 81-7359; A24713. Unpublished study prepared by Nomura Research Institute. 22 p.	9/25/1984	No	06/29/2003	06/29/1993
142442	Jung; Weigand; Kramer (1983) Hoe 039866 - Active Ingredient (Code: Hoe 039866 OH ZC95 0001): Micronucleus Test With Male and Female NMRI Mice Following Oral Administration: Report No. 83.0555; A28877. Translation of unpublished study prepared by Hoechst Ag. 13 p.	9/25/1984	No	06/29/2003	06/29/1993
142443	Otaka, T. (1981) Two-week Subacute Toxicity of Hoe 39866 (Technical) (Code: Hoe 39866 O H AS201) in Rats: NRI 81-7850; A24714. Translation of unpublished study prepared by Nomura Research Institute. 91 p.	9/25/1984	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142444	Ohtaka, T.; Takahashi, T. (1982) 13-week Subchronic Toxicity of Hoe 39866 (Technical) (Code: Hoe 39866 O H AS201) in Rats: Experiment Number: NRI 81-7860; A24715. Translation of unpublished study prepared by Nomura Research Institute. 252 p.	9/25/1984	No	06/29/2003	06/29/1993
142445	Baeder; Weigand; Kramer (1980) Embryotoxic Effect of Hoe 39866 O H AT201 in Wistar Rats after Oral Administration: Report No. 545/ 80; A27323. Translation of unpublished study prepared by Hoechst AG. 46 p.	9/25/1984	No	06/29/2003	06/29/1993
142446	Baeder; Weigand; Kramer (1982) Test Report on the Embryotoxic Effect of HOE 39866 - Pure Active Ingredient (Code: Hoe 39866 O H AT201) on Wistar-rats after Oral Administration: Bericht-Nr. 570-82; A25626. Translation of unpublished study prepared by Hoechst AG. 44 p.	9/25/1984	No	06/29/2003	06/29/1993
142447	Dorn, E.; Kuenzler, K.; Steinau, M.; et al. (1983) Hoe 039866- (Carbon 14): Metabolism Study on Female Rats after a Single Dose of the Active Ingredient: Bericht-Nr. Fo. 321/83; A25656. Translation of unpublished study prepared by Hoechst AG. 36 p.	9/25/1984	No	06/29/2003	06/29/1993
142448	Kellner; Eckert (1983) Hoe 039866- [Carbon 14]: Study on Kinetics and Residue Analyses in Rats: Bericht-Nr. 01-L42-0400-83; A28927. Unpublished study prepared by Hoechst AG. 43 p.	9/25/1984	No	06/29/2003	06/29/1993
142449	Ebert; Weigand (1983) Experimental Assessment of the Therapeutic Action of Atropine Sulphate + 2 PAM Iodine and Phenobarbitol Sodium in Case of an Acute Intoxication with Hoe 039866 - Active Ingredient Technical (Code: Hoe 039866 OH ZC95 0001) in Wistar Rats: Report No. 83.0625; A28878. Translation of unpublished study prepared by Hoechst AG. 22 p.	9/25/1984	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142450	Ebert; Weigand (1983) Hoe 039866 - Active Ingredient (Code: Hoe 039866 OH ZC95 0001): Testing for Acute Oral Toxicity in Male and Female Mallards ( <i>Anas platyrhynchos</i> ): Report No. 83.0558; A28840. Translation of unpublished study prepared by Hoechst AG. 15 p.	9/25/1984	No	06/29/2003	06/29/1993
142451	Ebert; Weigand (1983) Hoe 039866 - Active Ingredient (Code: Hoe 039866 OH ZC95 0001): Testing for Acute Oral Toxicity in the Male and Female Bobwhite Quail ( <i>Colinus Virginianus</i> ): Report No. 83.0619; A28841. Translation of unpublished study prepared by Hoechst AG. 14 p.	9/25/1984	No	06/29/2003	06/29/1993
142452	Ebert; Weigand (1983) Hoe 039866 - Active Ingredient (Code: Hoe 039866 OH ZC95 0001): Testing for Acute Oral Toxicity in Male and Female Japanese Quail ( <i>Coturnix coturnix japonica</i> ): Report No. 83/0313; A29033. Translation of unpublished study prepared by Hoechst AG. 13 p.	9/25/1984	No	06/29/2003	06/29/1993
142453	Ebert; Weigand (1983) Hoe 039866 - Active Ingredient Technical (Code: Hoe 039866 OH ZC95 0001): 8-day Dietary LC 50 Test in the Japanese Quail ( <i>Coturnix coturnix japonica</i> ): Report No. 83.0606; A29034. Translation of unpublished study prepared by Hoechst AG. 21 p.	9/25/1984	No	06/29/2003	06/29/1993
142454	Fischer, R. (1982) The Effect of Hoe 39866 O H AT202 (Hoe 39866 Active Ingredient 97-4%) on <i>Salmo gairdneri</i> (Rainbow Trout) in a Static Test: Doc. No. A24492. Unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142455	Fischer, R. (1982) The Effect of Hoe 39866 O H AT202 (Hoe 39866 Active Ingredient 97.4%) <i>Lepomis gibbosus</i> (Pumpkinseed Sunfish) in a Static Test: Doc. No. A24218. Unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142456	Fischer, R. (1982) The Effect of Hoe 39866 O H AT202 (Hoe 39866 Active Ingredient 97.4%) on Daphnia magna (Waterflea) in a Static Test: Doc. No. A23824. Unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
142457	Fischer, R. (1983) The Effect of Hoe 39866 OH SL19 A127 (Hoe 039866 Soluble Concentrate 200 g/l) on Salmo gairdneri (Rainbow Trout) in a Static Test: Doc. No. A26731. Unpublished study prepared by Hoechst AG. 15 p.	9/25/1984	No	06/29/2003	06/29/1993
142458	Altman, G. (1983) Result of Test for Bee Toxicity [of Hoe 39866 Soluble Concentrate]: Report Number: LEA/I/83/002D. Translation of unpublished study prepared by Universitaet des Saarlandes. 2 p.	9/25/1984	No	06/29/2003	06/29/1993
142459	American Hoechst Corp. (19??) Formulation VD07: [Acute Toxicity Studies]. Unpublished study prepared by Hoechst AG. 2 p.	9/25/1984	No	06/29/2003	06/29/1993
142460	Hollander; Weigand (1981) Acute Oral Toxicity of Hoe 39866 - Water- soluble Liquid Formulation (200 g/l) (Code: Hoe 39866 O H VD072) to the Male Rat: Report No. 755/81; A24616. Translation of unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142461	Hollander; Weigand (1981) Acute Oral Toxicity of Hoe 39866 - Water- soluble Liquid Formulation (200 g/l) (Code: Hoe 39866 O H VD072) to the Female Rat: Report No. 756/81; A24615. Translation of unpublished study prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
142462	Jung; Weigand (1982) Hoe 39866 - Water-soluble Liquid Formulation 200 g/l (Code: Hoe O H VD072): Irritation to the Rabbit Skin and Eye Mucosa: Report No. 166/82; A25266. Translation of unpublished study prepared by Hoechst AG. 12 p.	9/25/1984	No	06/29/2003	06/29/1993
142463	American Hoechst Corp. (19??) Environmental Fate Data (for Hoe 039899). Unpublished study. 10 p.	9/25/1984	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142464	Waldow, C.; Kloeckner, C. (1982) Hoe 39866, Stability in Water: Bericht-Nr. (B) 19/82; A24974. Unpublished study prepared by Hoechst Ag. 1 p.	9/25/1984	No	06/29/2003	06/29/1993
142465	Dorn, E. (1981) Partition Coefficient (P) in the System n-octanol/ water (of Hoe 39866 OH AT 101): Bericht-Nr. (B) 116/81; A22223. Unpublished study prepared by Hoechst AG. 1 p.	9/25/1984	No	06/29/2003	06/29/1993
142470	Dorn, E.; Haberkorn, B.; Thomas, J. (1983) Hoe 039866-[Carbon-14], Absorption Kinetics with Soybean Plants after Soil Treatment under Field Conditions: Bericht-Nr. (B)132/83; A28103. 10 p.	9/25/1984	No	06/29/2003	06/29/1993
142471	Dorn, E.; Steinau, M.; Koecher, H. (1984) Hoe 039866-[Carbon 14], Residue Analysis in Rotational Crops from a Confined Study: Bericht-Nr. (B)88/84; A29212. Unpublished study prepared by Hoechst AG. 21 p.	9/25/1984	No	06/29/2003	06/29/1993
142472	Kuenzler, K.; Eberlein, H. (1983) Hoe 039866, Residue Analysis in Biological Material: Bericht-Nr. AL 16/83; A28287. Translation of unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
142474	Lind, H.; Aeschlimann, H.; Macko, S.; et al. (1983) Determination of Residues of Hoe 039866 and Hoe 061517 in Soil: RCC Project 021925. Unpublished study prepared by Research and Consulting Co. AG. 44 p.	9/25/1984	No	06/29/2003	06/29/1993
142477	Vorwohl, G. (1983) Result of Test for Bee Toxicity [with Hoe 39866 Soluble Concentrate]: Report number LEA/I/83/035D. Translation of unpublished study prepared by Landesinstitut fuer Bienenkunde. 2 p.	9/25/1984	No	06/29/2003	06/29/1993
142478	Vorwohl, G. (1983) Result of Test for Bee Toxicity [with Hoe 39866 Soluble Concentrate]: Report Number: LEA/I/83/036D. Translation of unpublished study prepared by Landesanstalt fuer Bienenkunde. 2 p.	9/25/1984	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
142479	Stute, K. (1983) Result of Test For Bee Toxicity [with Hoe 39866 Soluble Concentrate]: Report number LEA/I/83/037D. Translation of unpublished study prepared by Niedersaechsisches Landesinstitut fuer Bienenforschung. 2 p.	9/25/1984	No	06/29/2003	06/29/1993
144337	Hollander; Weigand (1982) Aerosol Inhalation of Hoe 39866 - Active Ingredient Techn. (Code Hoe 39866 O H AT203) to the Male and Female SPF-Wistar-Rat: 4 h - LC 50: Report No. 564/82; A27296. Translation of unpublished study prepared by Hoechst AG. 15 p.	9/25/1984	No	06/29/2003	06/29/1993
144338	Fischer R. (1983) The Effect of Hoe 039866 OH SL19 A126 (Hoe 039866 Soluble Concentrate 200 g/l) on Lepomis macrochirus (Bluegill) in a Static Test: Doc. No. A25832. Unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
144339	Fischer, R. (1983) The Effect of Hoe 039866 OH SL19 A127 (Hoe 039866 Soluble Concentrate 200 g/l) on Daphnia magna (Waterflea) in a Static Test: Doc. No. A26953. Unpublished study prepared by Hoechst AG. 11 p.	9/25/1984	No	06/29/2003	06/29/1993
144340	Hollander; Weigand (1982) Aerosol Inhalation of Hoe 39866 - Water-soluble Liquid Formulation (200 g/l) (Code: Hoe 39866 O H VD072) to the Male and Female SPF-Wistar-Rat: 4 h - LC 50: Report No. 5/82;A27295. Translation of unpublished study prepared by Hoechst AG. 21 p.	9/25/1984	No	06/29/2003	06/29/1993
145067	Fischer, R. (1983) The Effect of Hoe 039866 OH SL19 A126 (Hoe 039866 Soluble Concentrate 200 g/l) on Daphnia magna (Waterflea) in a Static Test: Doc. No. A25833. Unpublished study prepared by Hoechst AG. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
145068	American Hoechst Corp. (19??) Efficacy of Hoe-39866 on Soybeans and Fruit Crops. Unpublished compilation. 861 p.	9/25/1984	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
145683	Hollander; Weigand (1982) Acute Percutaneous Toxicity of Hoe 39866-Water-soluble Liquid Formulation (200 g/l) (Code: Hoe 39866 O H VD072) to the Female Rat: Report No. 760/81; A24614. Unpublished translation prepared by Hoechst AG. 7 p.	9/25/1984	No	06/29/2003	06/29/1993
145684	American Hoechst Corp. (19??) Hoe 039866 Herbicide: Residue and Metabolism Data. Unpublished compilation. 2224 p.	9/25/1984	No	06/29/2003	06/29/1993
149239	Lina, B.; Til, H.; Hollanders, V.; et al. (1982) Sub-chronic (90-day) Oral Toxicity Study in Dogs with Hoe 39866: Technical-Grade; Code:Hoe 39866 OH AS 201); Project No. B80-1720; A244585. Unpublished study prepared by Netherlands Organization for Applied Scientific Research. 312 p.	9/25/1984	No	06/29/2003	06/29/1993
149240	Dorr, N. (1984) Hoe-39866 Herbicide: Summary of Wildlife and Aquatic Organism Toxicity Data. Unpublished study prepared by American Hoechst Corp. 8 p.	9/25/1984	No	06/29/2003	06/29/1993
149241	Atkins, E. (1984) Letter sent to V. Dorr dated May 4, 1984; Bee adult toxicity dusting test results with Hoe-39866 95.3% ai technical. 10 p.	9/25/1984	No	06/29/2003	06/29/1993
150986	Gorlitz, G. (1985) Behaviour of Plant Protection Products in Water: (Hoe 039866 Hydrolytic Stability); (B)10/85. Unpublished study prepared by Hoechst Aktiengesellschaft, Analytical Laboratory. 3 p.	2/26/1985	No	06/29/2003	06/29/1993
150987	Gorbach, S. (1985) Letter sent to O'Grodnick dated Feb 19,1985: EPA Review of Hoe 039866, environmental fate data. Prepared by Hoechst AG. 5 p.	2/26/1985	No	06/29/2003	06/29/1993
150988	Ebert; Weigand (1984) Hoe 039866 - Active Ingredient Technical 8-day Dietary LC 50 Test in the Bobwhite Quail (Colinus virginianus): Report No. 84.0438. Unpublished study prepared by Hoechst Aktiengesellschaft, translation of Doc. No. A29940. 19 p.	2/26/1985	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
150989	Ebert; Weigand (1984) Hoe 039866 - Active Ingredient Technical 8-day Dietary LC 50 Test in the Mallard (Anas platyrhynchos): Report No. 84.0377. Unpublished study prepared by Hoechst Aktiengesellschaft, translation of Doc. No. A29756. 21 p.	2/26/1985	No	06/29/2003	06/29/1993
150990	Fischer (1985) Letter sent to V. Dorr dated Jan 22, 1985: EPA-Review of Hoe 039866, ecological effect data: [Response to EPA's criticism of aquatic exposure toxicity test]. Prepared by Hoechst AG, Frankfurt. 4 p.	2/26/1985	No	06/29/2003	06/29/1993
151496	Carmines, E. (1985) Hoe 39866: Summary of Studies: [Summary of Toxicological Studies Submitted in Response to EPA's Comments]. Unpublished study prepared by American Hoechst Corp. 3 p.	10/1/1985	No	06/29/2003	06/29/1993
151497	Hollander, H.; Weigand, W. (1985) Hoe 039866--Active Ingredient Technical (Code: Hoe 039866 OH ZC95 0001): Testing for Acute Dust Inhalation Toxicity in Male and Female SPF Wistar Rats: 4 Hours--LC 50: Report No. 84.0889 and A31475. Unpublished translation of Doc. No. A31072 prepared by Hoechst AG. 35 p.	10/1/1985	No	06/29/2003	06/29/1993
151498	Rupprich; Weigand (1985) Hoe 039866--Liquid, Water-Soluble Concentrate (200 G/L): (Code: Hoe 039866 OH SL19 A139): Testing for Acute Dermal Toxicity in Male Wistar Rats: Report No. 84.0515 and A31543. Unpublished translation of Doc. No. A29571 prepared by Hoechst AG. 21 p.	10/1/1985	No	06/29/2003	06/29/1993
151499	Baeder; Weigand; Kramer (1985) Hoe 39866--Pure Active Ingredient (Code: Hoe 39866 0 H AT201): Testing for Embryotoxicity in Wistar Rats following Oral Administration: Revised Version of Report No. 545/80 of 20 October 1980: Report No. 85.0748 and A31636. Unpublished translation of Doc. No. A31634 prepared by Hoechst AG. 157 p.	10/1/1985	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
151500	Baeder; Weigand; Kramer (1985) Hoe 39866--Pure Active Ingredient (Code: Hoe 39866 O H AT201): Testing for Embryotoxicity in Wistar Rats following Oral Administration: Revised Version of Report No. 570/82 of 22 September 1982: Report No. 85.0771 and A31635. Unpublished translation of Doc. No. A31633 prepared by Hoechst AG. 136 p.	10/1/1985	No	06/29/2003	06/29/1993
151501	Jung; Weigand; Kramer (1985) Hoe 039866--Active Ingredient Technical: Hoe 039866 OH ZC95 0001: Micronucleus Test in Male and Female NMRI Mice after Oral Administration: New Version of Report No. 83.0555, Doc. No. A27742, Dated October 21, 1983: Report No. 85.0724 and A31610. Unpublished study prepared by Hoechst AG. 14 p.	10/1/1985	No	06/29/2003	06/29/1993
153532	Gorbach, S. (1985) Letter sent to O'Grodnick dated Feb 18, 1985: Hoe 039866, Residue analytical method: Lfd. Nr.: 1392. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	3/11/1985	No	06/29/2003	06/29/1993
157815	Goerlitz, G.; Kloeckner, C. (1985) Abiotic Hydrolysis as a Function of pH: Hoe 039866: Final Report to Project CP061/85: Report Nos. (B)277/85; A32265. Unpublished study prepared by Hoechst Aktiengesellschaft. 21 p.	3/27/1986	No	06/29/2003	06/29/1993
157816	Gildemeister, H.; Scheinkoenig, U. (1985) Hoe 039866-[carbon-14], Leaching Study: Report Nos. (B)173/85; A31970. Unpublished study prepared by Hoechst Aktiengesellschaft. 21 p.	3/27/1986	No	06/29/2003	06/29/1993
157817	Gildemeister, H.; Jordan, H. (1986) Aerobic Soil Metabolism Study: Hoe 039866-[carbon-14]: Report Nos. CB066/85; A32414. Unpublished study prepared by Hoechst Aktiengesellschaft. 30 p.	3/27/1986	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
157818	Schwalbe-Fehl, M.; Steinau, M.; Scheinkoenig, U.; et al. (1985) Hoe 039866-[carbon-14], Confined Accumulation Study on Rotational Crops Planted 30 Days after Treatment of the Soil: Report Nos. CMO15/85; A32585. Unpublished study prepared by Hoechst Aktiengesellschaft. 23 p.	3/27/1986	No	06/29/2003	06/29/1993
159836	American Hoechst Corp. (1984) HOE-39866 Non-selective Herbicide: Product Chemistry [Manufacturing Process, and Formation of Impurities]. Unpublished compilation. 22 p.	5/22/1986	No	06/29/2003	06/29/1993
159837	American Hoechst Corp. (1985) Hoe 39866 Pure Active Ingredient: [Physical and Chemical Characteristics]. Unpublished compilation. 43 p.	5/22/1986	No	06/29/2003	06/29/1993
159838	Markert, M. (1985) Hoe 039866 - Liquid, Water-soluble Concentrate 200 (g/l): Testing for Acute Oral Toxicity in Male and Female Wistar Rats: Report No. 85.0203. Unpublished study prepared by Hoechst Aktiengesellschaft. 29 p.	5/22/1986	No	06/29/2003	06/29/1993
159839	Markert, M. (1985) Hoe 039866 - Liquid, Water-soluble Concentrate 200 (g/l): Testing for Acute Dermal Toxicity in Male and Female Wistar Rats: Report No. 85.0204. Unpublished study prepared by Hoechst Aktiengesellschaft. 27 p.	5/22/1986	No	06/29/2003	06/29/1993
159840	Hollander, H. (1985) Hoe 039866 - Liquid, Water-soluble Concentrate 200 (g/l): Testing for Acute Aerosol Inhalation Toxicity in Male and Female SPF Wistar Rats; 4 Hours - LC 50: Report No. 85.0912. Unpublished study prepared by Hoechst Aktiengesellschaft. 74 p.	5/22/1986	No	06/29/2003	06/29/1993
159841	Ebert, E. (1985) Hoe 039866 - Liquid, Water-soluble Concentrate 200 (g/l): Testing for Primary Eye Irritation in Rabbits: Report No. 84.0931. Unpublished study prepared by Hoechst Aktiengesellschaft. 14 p.	5/22/1986	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
159842	Markert, M. (1985) Hoe 039866 - Liquid, Water-soluble Concentrate 200 (g/l): Testing for Primary Dermal Irritation in Rabbits: Report No. 85.0146. Unpublished study prepared by Hoechst Aktiengesellschaft. 11 p.	5/22/1986	No	06/29/2003	06/29/1993
159913	Fischer, R. (1985) The Effect of Hoe 039866 - Soluble Concentrate 200 (g/l) ... to <i>Salmo gairdneri</i> (Rainbow Trout) in a Static Test (SG342/A, Method EPA): Study No. SG342/A. Unpublished study prepared by Hoechst AG. 14 p.	5/22/1986	No	06/29/2003	06/29/1993
159914	Fischer, R. (1985) The Effect of Hoe 039866 - Soluble Concentrate ... to <i>Lepomis macrochirus</i> (Bluegill Sunfish) in a Static-acute Toxicity Test (Lm14/c, Method EPA): Study No. Lm14/C. Unpublished study prepared by Hoechst AG. 13 p.	5/22/1986	No	06/29/2003	06/29/1993
159915	Fischer, R. (1985) The Effect of Hoe 039866 - Soluble Concentrate 200 (g/l) ... to <i>Daphnia magna</i> (Waterflea) in a Static Acute Toxicity Test (Dm593/A, Method EPA): Study No. Dm593/A. Unpublished study prepared by Hoechst AG. 13 p.	5/22/1986	No	06/29/2003	06/29/1993
159916	Ebert, E. (1986) Testing for Subacute Oral Toxicity - Dose Range Finding - (28-day Feeding Study) in SPF Wistar Rats: Report No. 86.0012. Unpublished study prepared by Hoechst AG. 322 p.	5/22/1986	No	06/29/2003	06/29/1993
159917	Kocher; Bauer (1983) Study of the Biological Properties of 3-methylphosphinico-propionic acid (Hoe 061517) in Plants: Bericht Nr.: Ko 1/1983. Unpublished study prepared by Hoechst AG. 9 p.	5/22/1986	No	06/29/2003	06/29/1993
162459	American Hoechst Corp. (1984) Summary of Residues of HOE 39866 and Its Major Metabolite HOE 61517 in Soil. Unpublished compilation. 857 p.	9/25/1984	No	06/29/2003	06/29/1993
40345500	Hoechst Celanese Corp. (1987) Submission of Product Chemistry Data To Support the Application for Registration of Ignite Manufacturing-Use Product. Transmittal of 3 studies.	9/15/1987	No	06/29/2003	06/29/1993

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40345501	Dehmer; Kehne; Sarafin; et al. (1987) Product Identity and Composition of Ignite Manufacturing-Use Product. Unpublished study prepared by Hoechst AG. 15 p.	9/15/1987	No	06/29/2003	06/29/1993
40345502	Goerlitz; Hrobarsch; Kloeckner (1987) Analytical Method To Determine Technical Grade HOE 039866 in Formulations. Unpublished study prepared by Hoechst AG. 19 p.	9/15/1987	No	06/29/2003	06/29/1993
40345503	Kocur; O'Grodnick, J. (1987) Physical/Chemical Properties of Ignite Manufacturing-Use Product (HOE 039866 OH LC 50 A100). Unpublished study prepared by Hoechst AG. 15 p.	9/15/1987	No	06/29/2003	06/29/1993
40345600	Hochst Celanese Corp. (1987) Submission of Data To Support the Registration of Ignite Herbicide for Non Crop Use. Transmittal of 67 studies.	9/15/1987	No	06/29/2003	06/29/1993
40345601	Goerlitz, G. (1987) Analysis of Five Typical Batches of HOE 039866 and Analytical Methods for the Determination of Ammonium and Chloride in HOE 039866 Technical. Unpublished study prepared by Hoechst AG. 10 p.	9/15/1987	No	06/29/2003	06/29/1993
40345602	Carmines, E. (1987) Summaries of Toxicity of Ignite Herbicide Active Ingredient and Ignite Herbicide 200 g/L Formulated Product. Unpublished study prepared by Hoechst Celanese Corp. 29 p.	9/15/1987	No	06/29/2003	06/29/1993
40345603	Ullmann, L.; Sachsse, K. (1985) Contact Hypersensitivity to HOE 39866 OH SL 18 A505 in Albino Guinea Pigs, Buehler Test: Project No. 053010. Unpublished study prepared by Research & Consulting Co. AG. 34 p.	9/15/1987	No	06/29/2003	06/29/1993
40345604	Leist; Weigand (1979) Neurotoxicity Study with White Leghorn-hens HOE 39866 OH RH012--(Liquid Concentrate 40): [Translation of Doc. No. A20370]; Project No. 275/79. Unpublished study prepared by Hoechst AG. 17 p.	9/15/1987	No	06/29/2003	06/29/1993



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40345605	Ebert, E.; Kramer, M. (1985) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZD95 0001): Testing for Subchronic Dermal Toxicity in Wistar Rats (21 Applications Over 30 Days): Project No. 84.0563. Unpublished study prepared by Hoechst AG. 487 p.	9/15/1987	No	06/29/2003	06/29/1993
40345606	Hollander, H.; Kramer, M. (1985) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC95 0001): Testing for Subchronic Inhalation Toxicity: 28 Exposures in 40 Days in SPF Wistar Rats: Project No. 85.0332. Unpublished study prepared by Hoechst AG. 692 p.	9/15/1987	No	06/29/2003	06/29/1993
40345607	Suter, P.; Horst, K.; Vogel, et al. (1986) HOE 039866 Technical (Code: HOE 039866 OH ZC95 0001): Combined Chronic Toxicity/Oncogenicity Study in the Rat Dietary Administration and 28-day Range Finding Study in Rats: Project Nos. 018505 and 018494. Unpublished study prepared by Research & Consulting Co. AG. 2152 p.	9/15/1987	No	06/29/2003	06/29/1993
40345608	Bathe, R.; Frei, T.; Luetkemeier, H.; et al. (1984) Hoe 039866 Substance Technical Grade (Code: Hoe 039866 O H ZC95 0001): 12-month Oral Toxicity (Feeding) Study in Beagle Dogs and Stability and Homogeneity Study in Dog Feed: Project No. 019203. Unpublished study prepared by Research & Consulting Co. AG. 510 p.	9/15/1987	No	06/29/2003	06/29/1993
40345609	Suter, P.; Horst, K.; Vogel, W.; et al. (1986) Two-year Oncogenicity Study with HOE 039866 Technical (Code: HOE 039866 OH ZC95 0001) in Mice--Dietary Administration and Addendum to Final Report and 13-week Oral Toxicity (Feeding Study): Project Nos. 018527 and 018516. Unpublished study prepared by Research & Consulting Co. AG. 1800 p.	9/15/1987	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
40345610	Pensler, M.; Baider, C.; Mayer, D.; et al. (1986) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZD97 0001): Testing for Embryotoxicity and Effects on Post-natal Development in Wistar Rats Following Oral Administration: Project No. 86.0713. Unpublished study prepared by Hoechst AG. 112 p.	9/15/1987	No	06/29/2003	06/29/1993
40345611	Baeder; Weigand; Kramer; et al. (1986) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC95 0001): Testing for Embryotoxicity in Himalayan Rabbits following Oral Administration and Supplement to Report: Project Nos. 84.0177 and 86.0139. Unpublished study prepared by Hoechst AG. 116 p.	9/15/1987	No	06/29/2003	06/29/1993
40345612	Becker, H.; Mueller, E.; Frei, D.; et al. (1986) HOE 039866 Technical (Code: HOE 039866 OH ZC95 0001): Multiple Generation Study in Rats and Preliminary Study to the Multiple Generation Study in Rats: Project Nos. 018483 and 018472. Unpublished study prepared by Research & Consulting Co. AG. 1208 p.	9/15/1987	No	06/29/2003	06/29/1993
40345613	Hirsch, I.; Milone, M. (1985) HOE 039866 Substance Technical Chromosome Aberration in Cultured Human Lymphocytes: RBM Experiment No. M 711. Unpublished study prepared by Instituto di Ricerche Biomediche. 22 p.	9/15/1987	No	06/29/2003	06/29/1993
40345614	Cifone, M.; Myhr, B. (1984) Evaluation of HOE 039866 Substance Technical in the Rat Primary Hepatocyte Unscheduled DNA Synthesis Assay: LBI Project No. 20991. Unpublished study prepared by Litton Bionetics, Inc. 17 p.	9/15/1987	No	06/29/2003	06/29/1993
40345615	Hirsch, I.; Milone, M. (1984) Study of the Mutagenic Activity 'In vitro' of the Compound: HOE 039866 Substance Technical (Code HOE 039866 OH ZC95 0001) with Schizosaccharomyces Pombe: Experiment No. M 710. Unpublished study prepared by Instituto di Ricerche Biomediche. 19 p.	9/15/1987	No	06/29/2003	06/29/1993

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40345616	Cifone, M.; Myhr, B. (1985) Mutagenicity Evaluation of HOE 039866 Substance Technical in the Mouse Lymphoma Forward Mutation Assay: Project No. 20989. Unpublished study prepared by Litton Bionetics, Inc. 21 p.	9/15/1987	No	06/29/2003	06/29/1993
40345617	Hirsch, I.; Milone, M. (1984) Study of the Mutagenic Activity of the Compound HOE 039866 Substance Technical (Code HOE 039866 OH ZC95 0001) with Saccharomyces Cerevisiae Gene Conversion--DNA Repair Test: Experiment No. M 709. Unpublished study prepared by Instituto di Ricerche Biomediche. 21 p.	9/15/1987	No	06/29/2003	06/29/1993
40345618	Bueter, W.; Leist, K. (1987) Summary of Special Toxicological Studies with HOE 039866. Unpublished study prepared by Hoechst Celanese Corp. 23 p.	9/15/1987	No	06/29/2003	06/29/1993
40345619	Schwalbe-Fehl, M. (1986) HOE 039866 Ammonium-DL-homoalanin-4-yl (methyl)phosphinate: Summary on Pharmacokinetics and Metabolism in Animals: Project No. (B)144/86. Unpublished study prepared by Hoechst AG. 20 p.	9/15/1987	No	06/29/2003	06/29/1993
40345620	Ellgehausen, H. (1986) Pharmacokinetic Study with [Carbon-14] HOE 039866 on Various Organ/Tissues of Male Rats and Excretion Pattern of Radioactivity after Single Dermal Administration of the Test Article: Project No. 056597. Unpublished study prepared by Research & Consulting Co. AG. 53 p.	9/15/1987	No	06/29/2003	06/29/1993
40345621	Ellgehausen, H. (1986) Pharmacokinetic Study with [Carbon-14] HOE 039866 on Various Organs of Male and Female Beagle Dogs and Excretion Pattern of Radioactivity after Single Oral Administration of the Test Article: Project No. 050185. Unpublished study prepared by Research & Consulting Co. AG. 59 p.	9/15/1987	No	06/29/2003	06/29/1993

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40345622	Sachsse, K.; Frei, T.; Luekemeier, H.; et al. (1986) 28-Day Oral Toxicity (Capsule) Study in the Dog with HOE 039866 Technical (Code: HOE 039866 OH ZC95 0001) and [Carbon 14]-HOE 039866: Project No. 048734. Unpublished study prepared by Research & Consulting Co. AG. 417 p.	9/15/1987	No	06/29/2003	06/29/1993
40345623	Ebert, E.; Kramer, M. (1985) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC95 0001): Examination of the Mode of Action following a Single Oral Administration of Doses Up to the Sublethal Range to Female Wistar Rats and Female NMRI Mice; Determination of Glutamine Synthetase Activity and of the Substrate Levels of NH <sub>4</sub> <sup>+</sup> , Glutamine, and Glutamate in Various Organs: Project No. 85.0066. Unpublished study prepared by Hoechst AG. 63 p.	9/15/1987	No	06/29/2003	06/29/1993
40345624	Takahashi, H.; Tsuda, S.; Ikeda, T.; et al. (1986) HOE 039866 OH ZC 97 0003: General Pharmacological Study: Report No. A34071. Un published study prepared by Institute of Environmental Toxicology. 61 p.	9/15/1987	No	06/29/2003	06/29/1993
40345625	Ebert, E.; Mayer, D.; Leist, H.; et al. (1986) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZD97 0001): Examination of the Mode of Action following a Single Oral Dose in Female Wistar Rats; Determination of Glutamine Synthetase Activity and of the NH <sub>4</sub> <sup>+</sup> and Glutamate Levels in Various Organs: Project No. 86.1003. Unpublished study prepared by Hoechst AG. 141 p.	9/15/1987	No	06/29/2003	06/29/1993
40345626	Ebert, E.; Leist, K.; Mayer, D.; et al. (1986) HOE 039866--Active Ingredient Technical (Code: 039866 OH ZD97 0001): Study on the Mode of Action following Subchronic Oral Administration (4-week Feeding Study) to Wistar Rats: Project No. 772. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Research Toxicology and Pathology. 803 p.	9/15/1987	No	06/29/2003	06/29/1993

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40345627	Gerhards, H. (1986) Pharmacological Screening of HOE 039866--Substance Technical (Code: HOE 039866 OH ZC97 0001) and HOE 061517-- Substance Technical (Code: HOE 061517 OQ ZD97 0002) following I.C.V. or I.V. Application in Male Wistar Rats: I. Behavioural Assessment and Determination of Catecholamines in Various Regions of the Rat Brain: II. Determination of Glutaminsynthetase Activities in the Rat Brain: Project No. 86.1190. Unpublished study prepared by Hoechst AG. 20 p.	9/15/1987	No	06/29/2003	06/29/1993
40345628	Ebert, E.; Leist, K. (1986) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC95 0001): Testing the Therapeutic Effect of Atropine Sulphate and 2-PAM Methiodide after Acute Intoxication with HOE 039866 in the Male and Female Wistar Rat: Project No. 86.0973. Unpublished study prepared by Hoechst AG. 24 p.	9/15/1987	No	06/29/2003	06/29/1993
40345629	Lacoste, A.; Mansour, S.; Cassaigne, A. et al. (1985) Effect of phosphonic analogues of glutamic acid on glutamate decarboxylase. <i>Experientia</i> 41:643-644.	9/15/1987	No	06/29/2003	06/29/1993
40345630	Schacht, U. (1986) HOE 039866 Substance Technical (Code: HOE 039866 OH ZD97 0001): Testing the Mode of Action by Neurotransmitter Receptor Binding Assays in vitro: Project No. 86.1243. Unpublished study prepared by Hoechst AG. 12 p.	9/15/1987	No	06/29/2003	06/29/1993
40345631	Koecher, H. (1983) Influence of the light factor on physiological effects of the herbicide Hoe 39866. <i>Aspects of Applied Biology</i> 4:227-234.	9/15/1987	No	06/29/2003	06/29/1993
40345632	Wild, A.; Manderscheid, R. (1983) The effect of phosphinothrin on the assimilation of ammonia in plants. <i>Z Naturforsch</i> 39:500-504.	9/15/1987	No	06/29/2003	06/29/1993
40345633	Manderscheid, R.; Wild, A. (1986) Studies on the mechanism of inhibition by phosphinothricin of glutamine synthetase isolated from triticum aestivum L. <i>J. Plant Physiol.</i> 123:135-142.	9/15/1987	No	06/29/2003	06/29/1993

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40345634	Lejczak, B.; Starzemska, H.; Mastalerz, P. (1981) Inhibition of rat liver glutamine synthetase by phosphonic analogues of glutamic acid. <i>Experientia</i> 37:461-462.	9/15/1987	No	06/29/2003	06/29/1993
40345635	Metzger, H. (1986) HOE 039866--Pure Active Ingredient (Code: HOE 039866 OH ZB99 0002): Actions on Rat Liver Mitochondria: Project Nos. 85.102.104 and 86.105-111. Unpublished study prepared by Hoechst AG. 19 p.	9/15/1987	No	06/29/2003	06/29/1993
40345636	Koecher, H. (1986) Investigating the Effect of the Herbicides HOE 039866 and HOE 035956 on Various Enzymes in vitro: Project No. Koe 3/1986. Unpublished study prepared by Hoechst AG. 10 p.	9/15/1987	No	06/29/2003	06/29/1993
40345637	Schwalbe-Fehl, M.; Steinau, M.; Kellner, H.; et al. (1985) HOE 039866-[carbon 14] Metabolism and Residue Determinations in Rats after Single Oral Administration of 800 mg/kg Body Weight: Project No. CM008/85. Unpublished study prepared by Hoechst AG. 31 p.	9/15/1987	No	06/29/2003	06/29/1993
40345638	Wink, O.; Haberkorn, B.; Kunzler, K.; et al. (1986) HOE 039866- [carbon 14], Metabolism in Male and Female Rats after a Single Oral Administration of 2 mg/kg Body Weight Each: Project No. CM082/85 I. Unpublished study prepared by Hoechst AG. 35 p.	9/15/1987	No	06/29/2003	06/29/1993
40345639	Wink, O.; Dorn, E.; Kunzler, K.; et al. (1986) HOE 039866-[carbon 14] Metabolism in Male and Female Rats after a Single Administration of 30 mg/kg Body Weight Each: Project No. CM083/85. Unpublished study prepared by Hoechst AG. 38 p.	9/15/1987	No	06/29/2003	06/29/1993
40345640	Kellner; Eckert (1985) HOE 039866-[carbon 14]: Studies of Kinetics and Residue Determination in Rats following Oral Administration of 30 mg/kg Body Weight: Project No. 01-L42-0467-85. Unpublished study prepared by Hoechst AG. 26 p.	9/15/1987	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
40345641	Wink, O.; Haberkorn, B.; Kunzler, K.; at al. (1986) HOE 039866- [carbon 14], Metabolism in Male and Female Rats after Repeated Oral Administrations of 2 mg/kg Body Weight Each on 15 Consecutive Days: Project No. CM082/85 II. Unpublished study prepared by Hoechst AG. 39 p.	9/15/1987	No	06/29/2003	06/29/1993
40345642	Kellner; Eckert (1985) HOE 039866- [carbon 14]: Studies of Kinetics and Residue Determinations in Male and Female Rats after Repeated Oral Doses of 2 mg/kg Body Weight X Day on 15 Consecutive Days: Project No. 01-L42-0465-85. Unpublished study prepared by Hoechst AG. 26 p.	9/15/1987	No	06/29/2003	06/29/1993
40345643	Schwalbe-Fehl, M.; Steinau, M.; Scheinkonig, U.; et al. (1986) HOE 039866-[carbon 14] Metabolism and Residue Determination in Fe male Rats after Repeated Oral Administrations of 10 and 100 mg/kg Body Weight/Day, Respectively: Project No. CM007/85. Unpublished study prepared by Hoechst AG. 35 p.	9/15/1987	No	06/29/2003	06/29/1993
40345644	Ellgehausen, H. (1986) Absorption, Excretion, and Metabolism of HOE 039866 by Beagle Dogs after Repeated Administration of the Un labelled Test Article followed by Repeated Administration of the [Carbon-14] Labelled Test Article: Project No. 048734. Unpublished study prepared by Research & Consulting Co. AG. 71 p.	9/15/1987	No	06/29/2003	06/29/1993
40345645	Ellgehausen, H. (1984) Distribution, Degradation, and Excretion of the Equimolar Mixture of [Carbon 14]-HOE 039866/[Carbon 14]-HOE 061517 after Repeated Oral Administration to Lactating Goats: Project No. 027562. Unpublished study prepared by Research & Consulting Co. AG. 47 p.	9/15/1987	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
40345646	Elgehausen, H. (1986) Distribution and Excretion of the Equimolar Mixture of [Carbon 14]-HOE 039866/[Carbon 14]-HOE 061517 after Repeated Oral Administration to Laying Hens and Analysis of Radioactivity in Liver and Kidney of Laying Hens....: Project No. 025573. Unpublished study prepared by Research & Consulting Co. AG. 46 p.	9/15/1987	No	06/29/2003	06/29/1993
40345647	Kellner; Eckert (1984) HOE 061517: Study of Absorption and Excretion in the Rat after Oral Administration: Project No. 01-L42- 0413-84. Unpublished study prepared by Hoechst AG. 17 p.	9/15/1987	No	06/29/2003	06/29/1993
40345648	Carmines, E.; Graney, R. (1987) Summary of Hazard Evaluation--Wildlife and Aquatic Organism Data for HOE 039866 Active Ingredient. Unpublished study prepared by Hoechst Celanese Corp. 7 p.	9/15/1987	No	06/29/2003	06/29/1993
40345649	Roberts, N.; Phillips, C.; Chanter, D. (1986) The Effects of Dietary Inclusion of HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC98 0002) on Reproduction in the Bobwhite Quail: Project No. 247/851115. Unpublished study prepared by Huntingdon Research Centre Ltd. 241 p.	9/15/1987	No	06/29/2003	06/29/1993
40345650	Roberts, N.; Phillips, C.; Chanter, D.; et al. (1986) The Effects of Dietary Inclusion of HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC98 0002) on Reproduction in the Mallard Duck: Project No. HST 248/851211. Unpublished study prepared by Huntingdon Research Centre Ltd. 180 p.	9/15/1987	No	06/29/2003	06/29/1993
40345651	Gorsuch, J. (1987) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC96 0002) Plant Effect Test: Seed Germination/Seedling Emergence Test, Tier I: Project No. EN-502-HSC001-1. Unpublished study prepared by Eastman Kodak Co., Health and Environment Laboratories. 168 p.	9/15/1987	No	06/29/2003	06/29/1993



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40345652	Gorsuch, J. (1987) HOE 039866--Active Ingredient Technical (Code: HOE 039866 OH ZC96 0002) Plant Effect Test: Vegetative Vigor Test, Tier I: Project No. EN-503-HSC001-1. Unpublished study prepared by Eastman Kodak Co., Health and Environmental Laboratories. 219 p.	9/15/1987	No	06/29/2003	06/29/1993
40345653	Hughes, J. (1987) The Toxicity of HOE 039866 OH ZC96 Technical to <i>Selenastrum capricornutum</i> : Project No. 1093-01-1100-1. Unpublished study prepared by Malcolm Pirnie, Inc. 86 p.	9/15/1987	No	06/29/2003	06/29/1993
40345654	Davies, L.; Carlile, W.; Bratby, P. (1985) Report on a Laboratory Investigation into the Toxicity of Formulated HOE 039866 (Basta) to Honey Bees ( <i>Apis mellifera</i> ): Report No. A32454. Unpublished study prepared by Trent Polytechnic, Dept. of Life Science. 8 p.	9/15/1987	No	06/29/2003	06/29/1993
40345655	Horton, W. (1987) Summary of Environmental Fate Data To Support the Terrestrial Non-food Crop Use of Ignite Non-selective Herbicide. Unpublished study prepared by Hoechst Celanese Corp. 47 p.	9/15/1987	No	06/29/2003	06/29/1993
40345656	Goerlitz, G.; Kloeckner, C.; Eyrich, U. (1986) Abiotic Hydrolysis as a Function of pH and Amendment and Separation of Potential Hydrolysis Products of HOE 039866 from the Active Ingredient by HPLC: Project Nos. (B)277/85 and (B)110/86. Unpublished study prepared by Hoechst AG. 48 p.	9/15/1987	No	06/29/2003	06/29/1993
40345657	Stumpf, K.; Schink, C. (1986) HOE 039866-[carbon 14]-photodegradation Study in Water: Project NO. CB052/86. Unpublished study prepared by Hoechst AG. 33 p.	9/15/1987	No	06/29/2003	06/29/1993
40345658	Stumpf, K.; Schink, C. (1987) HOE 039866-[carbon 14]-photodegradation on Soil: Project NO. CB076/86. Unpublished study prepared by Hoechst AG. 34 p.	9/15/1987	No	06/29/2003	06/29/1993

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40345659	Gildemeister, H.; Jordan, H.; Stumpf, K.; et al. (1987) Aerobic Soil Metabolism Studies with HOE 039866-[carbon 14] and Amendment and Degradation in Soil Study with HOE 061517-[carbon 14]: Project Nos. CB066/85, CB060/86 and CB065/86. Unpublished study prepared by Hoechst AG. 152 p.	9/15/1987	No	06/29/2003	06/29/1993
40345660	Gildemeister, H.; Jordan, H.; Schink, C. (1987) HOE 039866-[carbon 14]: Aerobic Aquatic Metabolism Study: Project No. CB064/86. Unpublished study prepared by Hoechst AG. 56 p.	9/15/1987	No	06/29/2003	06/29/1993
40345661	Gildemeister, H.; Scheinkoenig, U. (1986) HOE 039866-[carbon 14]: Leaching Study and Amendment: Project No. (B)173/85. Unpublished study prepared by Hoechst AG. 43 p.	9/15/1987	No	06/29/2003	06/29/1993
40345662	Goerlitz, G. (1985) Adsorption/Desorption in the System-- Soil/Water for HOE 039866 and HOE 061517: Project Nos. CP055/85 and CP062/85. Unpublished study prepared by Hoechst AG. 81 p.	9/15/1987	No	06/29/2003	06/29/1993
40345663	Horton, W.; Graney, R. (1987) Determination of Ignite Non-selective Herbicide (HOE 039866) and its Metabolite (HOE 061517) Residues in Soil from Quantico, Maryland: Analytical Laboratory No. OU87-03. Unpublished study prepared by Univ. of Ottawa, Biology Dept. 122 p.	9/15/1987	No	06/29/2003	06/29/1993
40345664	Horton, W.; Graney, R. (1987) Determination of Ignite Non-selective Herbicide (HOE 039866) and its Metabolite (HOE 061517) Residues in Soil from Sunnyside, Washington: Analytical Laboratory No. 036775. Unpublished study prepared by Research and Consulting Co., AG. 77 p.	9/15/1987	No	06/29/2003	06/29/1993
40345665	Horton, W.; Graney, R. (1987) Determination of Ignite Non-selective Herbicide (HPE 039866) and its Metabolite (HOE 061517) Residues in Soil from Geneseo, Illinois: Analytical Laboratory No. F-01. Unpublished study prepared by Bayer Hauptversuchsanstalt fuer Landwirtschaft. 99 p.	9/15/1987	No	06/29/2003	06/29/1993

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40345666	Specht, W.; Kunzler, K.; Idstein, H. (1986) Method Verification of the Analytical Method for the Analysis of HOE 039866 and HOE 061517 in Crops and Soil and Validation of the Analytical Method AL 38/85 for the Residue Analysis of HOE 039866 in Plant Materials, Water and Soil: Project Nos. 31-A and (B)104/86. Unpublished study prepared by Institut für Ruckstandsanalytik. 300 p.	9/15/1987	No	06/29/2003	06/29/1993
40345667	Horton, W. (1987) Summary of the Storage Stability of HOE 039866 and HOE 061517 in Soil. Unpublished study prepared by Hoechst Celanese Corp. 12 p.	9/15/1987	No	06/29/2003	06/29/1993
40501000	Hoechst Celanese Corp. (1988) Submission of Environmental, Toxicity, and Chemistry Data in Support of Ignite Herbicide. Transmittal of 21 studies.	1/28/1988	No	06/29/2003	06/29/1993
40501001	Horton, W.; O'Grodnick, J. (1988) Summary of the Nature and Magnitude of the Residue Resulting from Ignite Herbicide Applications on Soybeans, Field Corn, Tree Nuts, Apples, and Grapes. Unpublished study. 111 p.	1/28/1988	No	06/29/2003	06/29/1993
40501002	Schwalbe-Fehl, M.; Wieneke, J. (1987) Hoe-039866- Carbon 14 -Up take, Metabolism, and Degradation Kinetics in Corn and Apples after Treatment of Soil: Study Nos. A36441, A35594. Unpublished study prepared by Hoechst Ag. 94 p.	1/28/1988	No	06/29/2003	06/29/1993
40501003	Horton, W.; Kuhner, M. (1988) Determination of Glufosinate-ammonium (Hoe-039866) and Its Metabolite (Hoe-061517) Residues in Soybean Seed and Soybean Seed Process Fraction Samples. Unpublished study prepared by Hoechst Ag. 224 p.	1/28/1988	No	06/29/2003	06/29/1993

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40501004	Horton, W.; Kuhner, M. (1988) Determination of Glufosinate-ammonium (Hoe-039866) and Its Metabolite (Hoe-061517) Residues in Field Corn Grain Forage, Silage, Fodder, and Corn Grain Process Fraction Samples. Unpublished study prepared by Hoechst Ag in cooperation with Bayerische Hauptversuchsanstalt fuer Landwirtschaft der Technischen. 649 p.	1/28/1988	No	06/29/2003	06/29/1993
40501005	Horton, W.; Kuhner, M. (1988) Determination of Glufosinate-ammonium (Hoe-039866) and Its Metabolite (Hoe-061517) Residues in Pecan, Walnut, and Almond Nutmeat Samples and Almond Hull Samples. Unpublished study prepared by Hoechst Ag in cooperation with Institut fur Ruckstandsanalytik. 1246 p.	1/28/1988	No	06/29/2003	06/29/1993
40501006	Horton, W.; Kuhner, M. (1988) Determination of Glufosinate-ammonium (Hoe-061517) Residues in Apples and Apple Process Fraction Samples. Unpublished study prepared by Hoechst Ag in cooperation with Bayerische Hauptversuchsanstalt fuer Landwirtschaft der Technischen. 564 p.	1/28/1988	No	06/29/2003	06/29/1993
40501007	Horton, W.; Kuhner, M. (1988) Determination of Glufosinate-ammonium (Hoe-039866) and Its Metabolite (Hoe-061517) Residues in Grapes and Grape Process Fraction Samples. Unpublished study prepared by Hoechst Ag in cooperation with Bayerische Hauptversuchsanstalt fuer Landwirtschaft der Technischen. 597 p.	1/28/1988	No	06/29/2003	06/29/1993
40501009	Graney, R. (1987) Summary of Ecological Effects Data to Support the Terrestrial Food Crop Use of Ignite Non-selective Herbicide. Unpublished study prepared by Hoechst Celanese Corp. 21 p.	1/28/1988	No	06/29/2003	06/29/1993
40501010	Fischer, R. (1987) The Effect of Hoe-039866--Substance Technical ... to Daphnia magna (Waterflea) in a Life-cycle (21-day Renewal) Chronic Toxicity Test: Study No. Dm631/a. Unpublished study prepared by Hoechst Ag. 47 p.	1/28/1988	No	06/29/2003	06/29/1993

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40501011	Canez, V. (1987) Hoe-039866--Active Ingredient Technical ...: Non- target Phytotoxicity Test, Vegetative Vigor: Tier 2: Project No. LR87-32A. Unpublished study prepared by Pan-Agricultural Laboratories, Inc. 160 p.	1/28/1988	No	06/29/2003	06/29/1993
40501012	Canez, V. (1987) Hoe-039866--Active Ingredient Technical ...: Non-target Phytotoxicity Test, Seed Germination/Seedling Emergence: Tier 2: Project No. LR87-32B. Unpublished study prepared by Pan-Agricultural Laboratories, Inc. 231 p.	1/28/1988	No	06/29/2003	06/29/1993
40501013	Graney, R. (1987) Summary of Environmental Fate Data To Support the Terrestrial Food Crop Use of Ignite Non-selective Herbicide. Unpublished study prepared by Hoechst Celanese Corp. 23 p.	1/28/1988	No	06/29/2003	06/29/1993
40501014	Gildemeister, H. (1987) Hoe-039866- (Carbon 14)--Anaerobic Soil Metabolism Study: Study No. CB008/86. Unpublished study prepared by Hoechst Ag. 31 p.	1/28/1988	No	06/29/2003	06/29/1993
40501015	Schwalbe-Fehl, M. (1987) Residue Determinations and Metabolism in Rotational Crops Sown 30 Days After Treatment of Soil: Study No. CM056/86: Study No. A36703. Unpublished study prepared by Hoechst AG. 73 p.	1/28/1988	No	06/29/2003	06/29/1993
40501016	Schwalbe-Fehl, M. (1987) Residue Determinations in Rotational Crops Sown 121 Days After Treatment of Soil: Study No. CM088/85: Report No. A35297. Unpublished study prepared by Hoechst AG. 51 p.	1/28/1988	No	06/29/2003	06/29/1993
40501017	Fischer, R.; Schwalbe-Fehl, M. (1985) HOE-039866- Carbon 14 --Flow-through Bioaccumulation Study with Bluegill Sunfish (Lepomis macrochirus): Study No. CM056/85: Report NO. A32789. Unpublished study prepared by Hoechst AG. 41 p.	1/28/1988	No	06/29/2003	06/29/1993
40501018	Smith, A. (1987) Persistence and Transformation of the Herbicide- (Carbon 14)-Glufosinate-ammonium in Prairie Soils under Laboratory Conditions. Unpublished study prepared by Agriculture Canada. 25 p.	1/28/1988	No	06/29/2003	06/29/1993



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40501019	Graney, R. (1987) Potential Aquatic Environmental Concentration and Hazard Evaluation for HOE-039866 Active Ingredient. Unpublished study prepared by Hoechst Celanese Corp. 65 p.	1/28/1988	No	06/29/2003	06/29/1993
40501020	Baughner, D. (1987) Risk Assessment for Workers Exposed to Hoe- 039866 (Ignite 1.67 SC Non-selective Herbicide, Glufosinate- ammonium) Applied by Handheld Hydraulic Sprayguns and Ground Boom Sprayers: Project No. 21385. Unpublished study prepared by Orius Associates, Inc. 11 p.	1/28/1988	No	06/29/2003	06/29/1993
40523500	Hoechst Celanese Corp. (1988) Submission of Exposure Data to Support the Registration and Petition for Tolerance for the Product, Ignite Herbicide. Transmittal of 1 study.	2/23/1988	No	06/29/2003	06/29/1993
40523501	Baughner, D. (1987) Exposure of Workers to HOE-039866 (Ignite 1.67 SC Non-selective Herbicide, Glufosinate Ammonium) Applied by Handheld Hydraulic Sprayguns: Project No. 21385. Unpublished study prepared by Hoechst Celanese Corp. 253 p.	2/23/1988	No	06/29/2003	06/29/1993
40706400	Hoechst Celanese Corp. (1988) Submission of Supplemental Study to Support the Registration for Ignite Herbicide. Transmittal of 1 study.	6/27/1988	No	06/29/2003	06/29/1993
40706401	Suter, P.; Horst, K.; Vogel; et al. (1988) Supplement To: HOE- 039866 Technical (...) Combined Chronic Toxicity/Oncogenicity Study in the Rat Dietary Administration and 28-day Range Finding Study in Rats; Rept. No. A33811. Unpublished supplement prepared by Research & Consulting Co. AG. 21 p.	6/27/1988	No	06/29/2003	06/29/1993
41095800	Hoechst Celanese Corp. (1989) Submission of Data To Support Registration of Ignite Herbicide: Residue Analytical Chemistry Studies. Transmittal of 2 studies.	5/16/1989	No	06/29/2003	06/29/1993
41095801	Czarnecki, J. (1989) Petitioner Response to the EPA Analytical Chemistry Section Review Dated July 6, 1988 of the Proposed Enforcement Methodology for Glufosinate-Ammonium. Unpublished study prepared by Hoechst Celanese Corp. 10 p.	5/16/1989	No	06/29/2003	06/29/1993

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41095802	Czarnecki, J.; Kwiatkoski, D.; Barry, E.; et al. (1989) Gas Chromatographic Determination of HOE-039866 ... and its Metabolite HOE-061517 ... as Residues in Apples, Grapes, Soybeans, Corn, and Tree Nuts: Project ID: HRAVC Analytical Method: HRAV-5A. Unpublished study prepared by Hoechst Aktiengesellschaft. 44 p.	5/16/1989	No	06/29/2003	06/29/1993
41144700	Hoechst Celanese Corp. (1989) Submission of Response to Toxicology Branch Review of Ignite Herbicide for Registration and Petition for Tolerance. Transmittal of 5 studies.	6/27/1989	No	06/29/2003	06/29/1993
41144701	Suter, P.; Horst, K.; Vogel, W.; et al. (1988) Supplement to HOE 039866 Tech. (...): Combined Chronic Toxicity/Oncogenicity Study in the Rat Dietary Administration and 28-Day Range Finding Study in Rats. Unpublished study prepared by RCC, Research & Consulting Co. AG. 100 p.	6/27/1989	No	06/29/2003	06/29/1993
41144702	Suter, P.; Horst, K.; Vogel, W.; et al. (1989) Supplement to: Two-year Oncogenicity Study with HOE 039866 Tech. (...) in Mice-- Dietary Administration and ... 13-Week Oral Toxicity (Feeding Study). Unpublished study prepared by RCC, Research & Consulting Co. AG. 24 p.	6/27/1989	No	06/29/2003	06/29/1993
41144703	Barder, C.; Weigand, ?.; Kramer, ?.; et al. (1988) Supplement to: HOE 039866-- Active Ingredient Tech. (...) Testing for Embryotoxicity in Himalayan Rabbits Following Oral Administration and Supplement to Report (40345611). Unpublished study prepared by Hoechst AG. 23 p.	6/27/1989	No	06/29/2003	06/29/1993
41144704	Jung, ?.; Weigand, ? (1986) HOE 039866--Substance Techn. (...) Micronucleus Test in Male and Female NMRI Mice After Oral Administration: Rept. No. A34419. Unpublished study prepared by Hoechst Ag. 34 p.	6/27/1989	No	06/29/2003	06/29/1993
41144705	Schwalbe-Fehl, M.; Carmines, E. (1989) Summary of Metabolic Fate of HOE 039866 as Detailed in Previously Submitted Metabolism Reports (...). Unpublished summaries prepared by Hoechst Celanese Corp. 17 p.	6/27/1989	No	06/29/2003	06/29/1993

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41323100	Hoechst Celanese Corporation (1990) Submission of Product Chemistry and Toxicity Data in Support of Tolerance Petition for Ignite Herbicide. Transmittal of 30 studies.	12/13/1989	No	06/29/2003	06/29/1993
41323101	Czarnecki, J.; Dorr, V. (1989) Ignite Herbicide: Petitioner Response to the EPA Dietary Exposure Branch Review Dated October 1, 1988. Unpublished study prepared by Hoechst Celanese Corp. 33 p.	12/13/1989	No	06/29/2003	06/29/1993
41323102	Geuss, D. (1988) HOE 039866: Glufosinate-ammonium, Technical: Description of Starting Materials and Manufacturing Process: Lab Project Number: PROD-G1: A39167. Unpublished study prepared by Hoechst AG. 20 p.	12/13/1989	No	06/29/2003	06/29/1993
41323103	Sarafin, R.; Gorlitz, G. (1989) Hoe 039866: Glufosinate-Ammonium: Discussion of the Formation of Impurities: Lab Project Number: A42093. Unpublished study prepared by Hoechst AG. 22 p.	12/13/1989	No	06/29/2003	06/29/1993
41323104	Goerlitz, G. (1989) HOE 039866: Glufosinate-ammonium: Analysis of Five Typical Production Batches and Analytical Methods: Lab Project Number: A41603: A33446: A33405. Unpublished study prepared by Hoechst AG. 51 p.	12/13/1989	No	06/29/2003	06/29/1993
41323105	Albrecht, ?; Kaiser, ?. (1989) Formulation Process for Ignite Herbicide ...: Lab Project Number: A32700. Unpublished study prepared by Hoechst AG. 8 p.	12/13/1989	No	06/29/2003	06/29/1993
41323106	Idstein, H.; Klapper, S. (1988) HOE 039866 Storage Stability Study in Biological Materials ...: Lab Project Number: CR037/86: A39283: A39923. Unpublished study prepared by Hoechst AG. 46 p.	12/13/1989	No	06/29/2003	06/29/1993
41323107	Dorn, E.; Kunzler, K. (1989) Hoe 039877- Carbon 14: Absorption by Lettuce Plants from an Aqueous Solution: Identification of the Radioactive Substances in the Leaves: Lab Project Number: A218-59. Unpublished study prepared by Hoechst AG. 13 p.	12/13/1989	No	06/29/2003	06/29/1993



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41323108	Schwalbe-Fehl, M.; Stumpf, K. (1989) Reply to the EPA Dietary Exposure Branch Review Dated October 14, 1988: HOE 039866: Nature of the Residue in Plants: Lab Project Number: A40566. Unpublished study prepared by Hoechst AG. 29 p.	12/13/1989	No	06/29/2003	06/29/1993
41323109	Stumpf, K. (1989) HOE 039866- Carbon 14 : Uptake, Metabolism, and Residue Determination in Corn Sown Three Days Before Treatment of Soil...: Lab Project Number: CM012/88: A41451. Unpublished study prepared by Hoechst AG. 77 p.	12/13/1989	No	06/29/2003	06/29/1993
41323110	Schwalbe-Fehl, M. (1989) HOE 039866: Nature of the Residue in Live- stock: Lab Project Number: A39763. Unpublished study prepared by Hoechst AG. 14 p.	12/13/1989	No	06/29/2003	06/29/1993
41323111	Krebs, B.; Sochor, H.; Wolf, R. (1989) HOE 039866: Ruminant Feeding Study: Lab Project Number: RK-91/13.02: LEA/R87/011: A40885. Unpublished study prepared by Hoechst AG. 213 p.	12/13/1989	No	06/29/2003	06/29/1993
41323112	Krebs, B.; Sochor, H.; Wolf, R. (1989) HOE 039866: Poultry Feeding Study: Lab Project Number: A40697. Unpublished study prepared by Hoechst AG. 183 p.	12/13/1989	No	06/29/2003	06/29/1993
41323113	Junker, H.; Mainzer, M.; Sochor, H. (1988) HOE 039866 and HOE 061517: Gas Chromatographic Determination of Residues in Animal Organs ...: Lab Project Number: A39949. Unpublished study prepared by Hoechst AG. 51 p.	12/13/1989	No	06/29/2003	06/29/1993
41323114	Horton, W.; Mayasich, J. (1989) Ignite Herbicide: Petitioner Response to the EPA Environmental Fate and Ground Water Branch Review Dated October 13, 1988. Unpublished study. 43 p.	12/13/1989	No	06/29/2003	06/29/1993
41323115	Stumpf, K. (1989) HOE 039866- Carbon 14 : Photodegradation in Water at pH 5, 7, and 9: Lab Project Number: A40989: CB/89/88. Unpublished study prepared by Hoechst AG. 73 p.	12/13/1989	No	06/29/2003	06/29/1993
41323116	Stumpf, K. (1989) HOE 039866- Carbon 14 : Photodegradation on Sterile Soil: Lab Project Number: CB005/89: A40990. Unpublished study prepared by Hoechst AG. 46 p.	12/13/1989	No	06/29/2003	06/29/1993

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41323117	Stumpf, K. (1989) HOE 039866- Carbon 14 : Photodegradation on Non-Sterile Soil: Lab Project Number: CB89/121: A41452. Unpublished study prepared by Hoechst AG. 78 p.	12/13/1989	No	06/29/2003	06/29/1993
41323118	Stumpf, K. (1989) HOE 061517- Carbon 14 , Metabolite of HOE 039866: Degradation in Aerobic Conditions at Application Rates of 0.5 and 1.0 mg/kg: Lab Project Number: CB007/88: A41198. Unpublished study prepared by Hoechst AG. 59 p.	12/13/1989	No	06/29/2003	06/29/1993
41323119	Stumpf, K. (1989) HOE 039866-3,4- (Carbon 14): Degradation and Metabolism in Different Soils under Aerobic and Anaerobic Conditions at an Application Rate of 1.6 mg/kg: Lab Project Number: CB019- 88: A41299. Unpublished study prepared by Hoechst AG. 92 p.	12/13/1989	No	06/29/2003	06/29/1993
41323120	Gildemeister, H. (1989) Supplement to: HOE 039866- Carbon 14 : An- aerobic Soil Metabolism Study: EPA MRID No. 40501014: Lab Project Number: A39932. Unpublished study prepared by Hoechst AG. 6 p.	12/13/1989	No	06/29/2003	06/29/1993
41323121	Sarafin, R. (1989) HOE 064619: Adsorption/Desorption in the System: Soil/Water: Lab Project Number: CB096/88: A40830. Unpublished study prepared by Hoechst AG. 26 p.	12/13/1989	No	06/29/2003	06/29/1993
41323122	Sarafin, R. (1988) HOE 064619: Assessment of Volatilization from Soil: Lab Project Number: A39697. Unpublished study prepared by Hoechst AG. 10 p.	12/13/1989	No	06/29/2003	06/29/1993
41323123	Mayasich, J. (1989) Determination of the Residues of Glufosinate- Ammonium (HOE 039866), Its Free Acid (HOE 035956), and Its Metabolites (HOE 061517 and HOE 064619) in Soil from Geneseo, Illinois: Lab Project Number: ER-87-USA-13-IL-01: HAM-05. Unpublished study prepared by Van Der Schaaf Agricultural Research, Inc. 173 p.	12/13/1989	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
41323124	Mayasich, J. (1989) Determination of the Residues of Glufosinate-Ammonium (HOE 039866), Its Free Acid (HOE 035956), and Its Metabolites (HOE 061517 and HOE 064619) in Soil From Salisbury, Maryland: Lab Project Number: ER-87-USA-13-MD-01: HVA-1/89. Unpublished study prepared by Panagri in association with Bayer Hauptversuchsanstalt fuer Landwirtschaft. 127 p.	12/13/1989	No	06/29/2003	06/29/1993
41323125	Schwalbe-Fehl, M.; Stumpf, K. (1989) HOE 039866: Confined Accumulation Studies in Rotational Crops: Lab Project Number: A40565. Unpublished study prepared by Hoechst AG. 18 p.	12/13/1989	No	06/29/2003	06/29/1993
41323126	Schwalbe-Fehl, M.; Stumpf, K. (1989) HOE 039866-(Carbon 14): Residue Determinations and Metabolism in Rotational Crops Sown 120 Days After Treatment of Soil: Lab Project Number: CM057/86: A41339. Unpublished study prepared by Hoechst AG. 78 p.	12/13/1989	No	06/29/2003	06/29/1993
41323127	Mayasich, J. (1989) Determination of the Residues of Glufosinate-Ammonium (HOE 039866), Its Free Acid (HOE 035956), and Its Metabolites (HOE 061517 and HOE 064619) in Crops Rotated after Soybeans from Geneseo, Illinois: Lab Project Number: ER-87-USA-13-IL-01: HAM-05. Unpublished study prepared by Van Der Schaff Agricultural Research, Inc. 190 p.	12/13/1989	No	06/29/2003	06/29/1993
41323128	Mayasich, J. (1989) Determination of the Residues of Glufosinate-Ammonium (HOE 039866), Its Free Acid (HOE 035956), and its Metabolites (HOE 061517 and HOE 064619) in Crops Rotated after Soybeans from Salisbury, Maryland: Lab Project Number: ER-87-USA-13-MD-01: HVA-1/89. Unpublished study prepared by Hoechst AG. 138 p.	12/13/1989	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
41323129	Stumpf, K. (1989) HOE 039866- Carbon 14 : Uptake, Metabolism, and Residue Determination in Corn Sown Three Days Before Treatment of Soil.: Lab Project Number: CM012/88: A41451. Unpublished study prepared by Hoechst AG. 77 p.	12/13/1989	No	06/29/2003	06/29/1993
41323130	Schwalbe-Fehl, M.; Fischer, R. (1988) HOE 039866: Bioaccumulation in Fish: Lab Project Number: A39698. Unpublished study prepared by Hoechst AG. 14 p.	12/13/1989	No	06/29/2003	06/29/1993
41796100	Hoechst Celanese Corp. (1991) Submission of Toxicity Data to Support the Application for Reregistration of Ignite 1SC Herbicide. Transmittal of 6 Studies.	2/22/1991	No	06/29/2003	06/29/1993
41796101	Dulak, L.; O'Grodnick, J. (1990) HOE 039866 OH SL11 A202 Herbicide: Summary of Acute Toxicity. Unpublished study prepared by Hoechst Celanese Corp. 7 p.	2/22/1991	No	06/29/2003	06/29/1993
41796102	Diehl, K.; Leist, K. (1985) HOE 039866: Liquid Water-Soluble Concentrate 120 (g/l) Code: HOE 039866 OH SL11 A202. Testing for Acute Oral Toxicity in the Male and Female Wistar Rat: Lab Project Number: 85.0496: A35436. Unpublished study prepared by Hoechst Ag. 30 p.	2/22/1991	No	06/29/2003	06/29/1993
41796103	Diehl, K.; Leist, K. (1985) HOE 039866: Liquid Water-Soluble Concentrate 120 (g/l) Code: HOE 039866 OH SL11 A202. Testing for Acute Dermal Toxicity in the Male and Female Wistar Rat: Lab Project Number: 86.0696: A35435. Unpublished study prepared by Hoechst Ag. 14 p.	2/22/1991	No	06/29/2003	06/29/1993
41796104	Diehl, K.; Leist, K. (1985) HOE 039866: Liquid Water-Soluble Concentrate 120 (g/l) Code: HOE 039866 OH SL11 A202. Testing for Primary Eye Irritation in the Rabbit: Lab Project Number: 86.06- 95: A35438. Unpublished study prepared by Hoechst Ag. 18 p.	2/22/1991	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
41796105	Diehl, K.; Leist, K. (1985) HOE 039866: Liquid Water-Soluble Concentrate 120 (g/l) Code: HOE 039866 OH SL11 A202. Testing for Primary Dermal Irritation in the Rabbit: Lab Project Number: 86.0694: A35437. Unpublished study prepared by Hoechst Ag. 16 p.	2/22/1991	No	06/29/2003	06/29/1993
41796106	Diehl, K.; Leist, K. (1985) HOE 039866: Liquid Water-Soluble Concentrate 120 (g/l) Code: HOE 039866 OH SL11 A202. Testing for Sensitising Properties in the Pirbright-White Guinea Pig According to the Techniques of Buehler: Lab Project Number: 86.0698: A35434. Unpublished study prepared by Hoechst Ag. 43 p.	2/22/1991	No	06/29/2003	06/29/1993
41396100	Hoechst Celanese Corp. (1990) Submission of Data for Registration and Petition Tolerance for Ignite Products: Wildlife and Aquatic Toxicity and Phytotoxicity. Transmittal of 13 studies.	02/23/1990	No	06/29/2003	06/29/1993
41396101	Mayasich, J.; Dulak, L. (1990) Petitioner Response to Ecological Effects Branch Review Dated December 7, 1988 of Application for Registration of Ignite (HOE 039866) for Technical Product, Non-crop Uses, and Crop Uses. Unpublished study prepared by Hoechst Celanese Corp. 9 p.	02/23/1990	No	06/29/2003	06/29/1993
41396102	Cameron, D. (1989) Supplement to: The Effects of Dietary Inclusion of Hoe 039866--Active Ingredient Technical...on Reproduction in the Bobwhite Quail: Lab Project No. HST 247/851115; A40648. Unpublished study prepared by Huntingdon Research Centre Ltd. 5 p.	02/23/1990	No	06/29/2003	06/29/1993
41396103	Cameron, D. (1989) Supplement to: The Effects of Dietary Inclusion of Hoe 039866--Active Ingredient Technical... on Reproduction in the Mallard Duck: Lab Project Number: HST 248/851211; A40669. Unpublished study prepared by Huntingdon Research Centre Ltd. 5 p.	02/23/1990	No	06/29/2003	06/29/1993
41396104	Swigert, J. (1986) Acute Toxicity of Hoe 039866 Technical Substance ... to the Sheepshead Minnow (Cyprinodon variegatus): ABC Study No. 34154; Report No. A33264. Unpublished study prepared by Analytical Bio-Chemistry Laboratories, Inc. 63 p.	02/23/1990	No	06/29/2003	06/29/1993



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41396105	Ward, G. (1989) Acute Toxicity of Hoe 039866 Technical Substance... to Embryos and Larvae of the Eastern Oyster ( <i>Crassostrea virginica</i> ): Final Report : Lab Project Number: 87341-0200-2130. Un-published study prepared by Hunter/ESE. 33 p.	02/23/1990	No	06/29/2003	06/29/1993
41396106	Surprenant, D. (1988) Acute Toxicity of Hoe 039866 Technical Sub-stance...to Embryos and Larvae of the Quahog Clam ( <i>Mercenaria mercenaria</i> ): SLS Study No. 1719.0487.6107.514; Report # 87-12-2587. Unpublished study prepared by Springborn Life Sciences, Inc. 40 p.	02/23/1990	No	06/29/2003	06/29/1993
41396107	Forbis, A. (1986) Acute Toxicity of Hoe 039866 Technical Substance ...to the Mysid Shrimp ( <i>Mysidopsis bahia</i> ): ABC Study No. 34155; Report No. A33265. Unpublished study prepared by Analytical Bio-Chemistry Laboratories, Inc. 55 p.	02/23/1990	No	06/29/2003	06/29/1993
41396108	Ward, G. (1986) Acute Toxicity of Hoe 039866 200 G/L Soluble Con-centrate...to the Sheepshead Minnow ( <i>Cyprinodon variegatus</i> ): Final Report : Project No. 86-341; Report No. A34014. Unpub-lished study prepared by Hunter/ESE. 42 p.	02/23/1990	No	06/29/2003	06/29/1993
41396109	Ward, G. (1989) Acute Toxicity of Hoe 039866 200 G/L Soluble Con-centrate...to Embryos and Larvae of the Eastern Oyster ( <i>Crass-ostrea virginica</i> ): Final Report : Lab Project No. 87341-0210-2130; 86-341. Unpublished study prepared by Hunter/ESE. 33 p.	02/23/1990	No	06/29/2003	06/29/1993
41396110	Ward, G. (1986) Acute Toxicity of Hoe 039866 200 G/L Soluble Con-centrate...to the Mysid Shrimp ( <i>Mysidopsis bahia</i> ): Final Re-port : Lab Project No. 86-341; Report A34013. Unpublished study prepared by Hunter/ESE. 38 p	02/23/1990	No	06/29/2003	06/29/1993
41396111	Chetram, R. (1990) Hoe 039866 Tier II Seed Germination/Seedling Emergence Nontarget Phytotoxicity Test: Lab Project Number: LR89-15B. Unpublished study prepared by Pan-Agricultural Labor-atories, Inc. 222 p.	02/23/1990	No	06/29/2003	06/29/1993



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41396112	Chetram, R. (1989) Hoe 039866 Tier II Vegetative Vigor Nontarget Phytotoxicity Study: Maximum Application Rate of 0.4 Lbs. a.i./ Acre: Final Report : Lab Project Number: LR89-15A. Unpublished study prepared by Pan-Agricultural Laboratories, Inc. 166 p.	02/23/1990	No	06/29/2003	06/29/1993
41396113	Chetram, R. (1989) Hoe 039866 Tier II Vegetative Vigor Nontarget Phytotoxicity Study: Maximum Application Rate of 0.8 Lbs. a.i./ Acre: Final Report : Lab Project Number: LR89-45. Unpublished study prepared by Pan-Agricultural Laboratories, Inc. 131 p.	02/23/1990	No	06/29/2003	06/29/1993
41846300	Hoechst Celanese Corp. (1991) Submission of Data To Support the Application for Registration of Ignite ISC Herbicide: Product Chemistry and Toxicology Studies. Transmittal of 2 studies.	04/17/1991	No	06/29/2003	06/29/1993
41846301	Kocur, ?.; Dulak, L. (1991) Physical/Chemical Properties of Ignite ISC Herbicide (HOE 039866 OH SL11 A200): Lab Project Number: A35135: A35129: A35127. Unpublished study prepared by Hoechst Ag. 15 p.	04/17/1991	No	06/29/2003	06/29/1993
41846302	Hollander, H.; Weigand, W. (1986) HOE 039866-Liquid Water-Soluble Concentrate 120 (...): Testing for Acute Aerosol Inhalation Toxicity in the Male and Female SPF Wistar Rat 4-Hour LC50: Lab Project Number: 86/0697: A35305. Unpublished study prepared by Hoechst Ag. 89 p.	04/17/1991	No	06/29/2003	06/29/1993
41920100	Hoechst Celanese Corporation (1991) Submission of environmental fate data in support of registration of Ignite herbicide and related products. Transmittal of 8 studies.	06/21/1991	No	06/29/2003	06/29/1993
41920101	Erstfeld, K. (1991) Ignite Herbicide: Petitioner Response to the EPA Environmental Fate and Groundwater Branch Review Dated June 28, 1990 for Data Requirements for Ignite Herbicide (Glufosinate Ammonium) for Full Registration on Terrestrial Food Crops, Terrestrial Nonfood, Domestic Outdoor and Greenhouse Uses. Unpub-lished study prepared by Hoechst Ag. 19 p.	06/21/1991	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
41920102	Stumpf, K. (1990) Photolysis of HOE 039866-14C (Glufosinate-Ammonium) on Soil: Lab Project Number: CB90/097: A44730. Unpublished study prepared by Hoechst Aktiengesellschaft. 76 p.	06/21/1991	No	06/29/2003	06/29/1993
41920103	Gorlitz, G. (1991) HOE 039866: Degradation of Glufosinate-Ammonium in Various Soils : Supplement to: Lab Project Number: OE90/249: A44560. Unpublished study prepared by Hoechst AG. 25 p.	06/21/1991	No	06/29/2003	06/29/1993
41920104	Gotlitz, G. (1991) HOE 064619: Assessment of Volatilization from soil Supplement to: Lab Project Number: OE91/014: A44815. Unpublished study prepared by Hoechst AG. 25 p.	06/21/1991	No	06/29/2003	06/29/1993
41920105	Stumpf, K. (1990) HOE 039866-C14: Residue Determination and Metabolism in Rotational Crops Sown 120 Days After Treatment of Soil: Supplement to: Lab Project Number: OE90/272: A44559. Unpublished study by Hoechst AG. 10 p.	06/21/1991	No	06/29/2003	06/29/1993
41920106	Mayasich, J.; Czarnecki, J. (1990) Determination of the Leaching Potential and Dissipation of Ignite Residues in a California Vineyard: Lab Project Number: R288801: 88-0023. Unpublished study prepared by Research for Hire and EN-CAS. 422 p.	06/21/1991	No	06/29/2003	06/29/1993
41920107	O'Grodnick, J. (1991) Determination of the Residues of Glufosinate-Ammonium, Its Free Acid, and Its Metabolites in Soil from Geneseo, Illinois: Supplement to: Lab Project Number: HAM-05. Unpublished study prepared by Dr. Specht and Partner. 10 p.	06/21/1991	No	06/29/2003	06/29/1993
41920108	McKinney, F.; Clayton, F. (1989) Analytical Method for the Determination of HOE 039866 and Metabolites HOE 061517 and HOE 064619 in Soil Matrices by Gas Chromatography: Lab Project Number: ENC-4/88. Unpublished study prepared by EN-CAS Analytical Laboratories. 31 p.	06/21/1991	No	06/29/2003	06/29/1993
42121900	Sochor, H. (1991) Submission of Data To Support Glufosinate-Ammonium (Ignite), Petition for Import Tolerance in or on Fresh Bananas: Residue Chemistry Studies. Transmittal of 5 studies.	11/21/1991	No	06/29/2003	06/29/1993

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42121901	Sochor, H. (1991) Summary Report Covering Submission Guidelines for Magnitude of Residue 171-4 of Glufosinate-Ammonium (HOE 039866) and its Metabolite (HOE) 061517) on Bananas Following Several Applications: Lab Project Number: A 46038: OE 91/016. Unpublished study prepared by Hoechst Ag. 60 p.	11/21/1991	No	06/29/2003	06/29/1993
42121902	Sochor, H.; Tiirmaa, H. (1990) Determination of Glufosinate-Ammonium (Hoe 039866) and its Metabolite Hoe 061517 Residues in Bananas Following Several Applications of Ignite to Control Weeds: Lab Project Number: A 46037: CR 0001/89. Unpublished study prepared by Hoechst Ag. 575 p.	11/21/1991	No	06/29/2003	06/29/1993
42121903	Sochor, H.; Tiirmaa, H. (1990) Determination of Glufosinate-Ammonium (HOE 039866) and its Metabolite HOE 061517 Residues in Bananas Following Several Applications of Ignite to Control Weeds: Project Number: A 46001: OEC 90/266. Unpublished study prepared by Hoechst Ag. 103 p.	11/21/1991	No	06/29/2003	06/29/1993
42121904	Sochor, H.; Tiirmaa, H. (1990) Determination of Glufosinate-Ammonium (HOE 039866) and its Metabolite HOE 061517 Residues in Bananas Following Several Applications of Ignite to Control Weeds: Lab Project Number: A 46002: OEC 90/267. Unpublished study prepared by Hoechst Ag. 175 p.	11/21/1991	No	06/29/2003	06/29/1993
42121905	Idstein, H. (1987) HOE 039866 and HOE 061517 in Apples and Bananas, Residue Determination by Gas Chromatography after Extraction with Water: Lab Project Number: A 35793: AL 11/87. Unpublished study prepared by Hoechst Ag. 27 p.	11/21/1991	No	06/29/2003	06/29/1993
42173300	Hoechst Celanese Corp. (1992) Submission of toxicity data in support of registration of Ignite ISC Herbicide. Transmittal of 7 studies.	01/17/1992	No	06/29/2003	06/29/1993

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42173301	Dulak, L.; O'Grodnick, J. (1991) Ignite Herbicide: Applicant Response to the EPA Toxicology Branch II, Health Effects Division Review Dated October 7, 1991. Unpublished study prepared by Hoechst Celanese Corp. 7 p.	01/17/1992	No	06/29/2003	06/29/1993
42173302	Hack, R.; Leist, K. (1985) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Acute Oral Toxicity in the Male and Female Wistar Rat: Lab Project Number: 85.0496: A46868. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993
42173303	Hack, R.; Leist, K. (1986) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Acute Dermal Toxicity in the Male and Female Wistar Rat: Lab Project Number: 86.0696: A46867. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993
42173304	Hofmann, T.; Jung, R. (1986) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Acute Inhalation Toxicity in the Male and Female SPF Wistar Rat: 4-Hour LC50: Lab Project Number: 86.0697: A46866. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993
42173305	Hack, R.; Leist, K. (1986) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Primary Eye Irritation in the Rabbit: Lab Project Number: 86.0695: A46865. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993
42173306	Hack, R.; Leist, K. (1986) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Primary Dermal Irritation in the Rabbit: Lab Project Number: 86.0694: A46864. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993

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42173307	Hack, R.; Leist, K. (1986) Supplement To: HOE 039866--Liquid Water Soluble Concentrate 120 (g/l) (...): Testing for Sensiti-sing Properites in the Pirbright-White Guinea Pig According to the Technique of Buehler: Lab Project Number: 86.0698: 46863. Unpublished study prepared by Hoechst Aktiengesellschaft. 6 p.	01/17/1992	No	06/29/2003	06/29/1993
42262400	Hoechst Celanese (1992) Submission of residue data in support of registration of Ignite Herbicide. Transmittal of 4 studies.	04/01/1992	No	06/29/2003	06/29/1993
42262401	Dulak, L.; O'Grodnick, J. (1992) Petitioner Response to Ecological Effects Branch Review: Ignite (HOE 039866) Herbicide. Unpublished study prepared by Hoechst Celanese Corp. 17 p.	04/01/1992	No	06/29/2003	06/29/1993
42262402	Ward, G. (1992) Ignite Herbicide (HOE 039866 00 SL18 A518): Acute Toxicity to Embryos and Larvae of the Hard Shell Clam (Quahog), Mercenaria Mercenaria Under Static Test Conditions: Lab Project Number: J9105001B. Unpublished study prepared by Toxikon Environmental Sciences. 40 p.	04/01/1992	No	06/29/2003	06/29/1993
42262403	Ward, G. (1992) Ignite Herbicide (HOE 039866 00 SL18 A518): Acute Effect on New Shell Growth of the Eastern Oyster, Crassostrea virginica: Lab Project Number: J9105001C. Unpublished study prepared by Toxikon Environmental Sciences. 42 p.	04/01/1992	No	06/29/2003	06/29/1993
42262404	Lintott, D.; Ward, G. (1991) Ignite Herbicide Technical Glufosinate-Ammonium (HOE 039866 00 ZC96 0002): Acute Toxicity to Duckweed, Lemna gibba G3, Under Static Test Conditions: Lab Project Number: J9105001B. Unpublished study prepared by Toxikon Environmental Sciences. 41 p.	04/01/1992	No	06/29/2003	06/29/1993
42316800	Hoechst Celanese Corp. (1992) Submission of product chemistry and toxicity data to support the registration of Arise Grass and Weed Killer Concentrate. Transmittal of 19 studies.	05/14/1992	No	06/29/2003	06/29/1993



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42316801	Dulak, L.; O'Grodnick, J. (1992) Arise Herbicide...Summary of Product Chemistry. Unpublished study prepared by Hoechst Celanese Corp. 5 p.	05/14/1992	No	06/29/2003	06/29/1993
42316802	Bittner, D.; Rexer, K. (1991) Colour of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (11) 01: A45790. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316803	Martinez, J.; Rexer, K. (1991) Physical State of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (39)01: A45796. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316804	Martinez, J.; Rexer, K. (1991) Odour of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (14) 01: A45792. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316805	Bittner, D.; Rexer, K. (1991) Density of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (06) 01: A45789. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316806	Bittner, D.; Rexer, K. (1991) pH-Value of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (21) 01: A45793. Unpublished study prepared by Hoechst Aktiengesellschaft. 11 p.	05/14/1992	No	06/29/2003	06/29/1993
42316807	Bittner, D.; Rexer, K. (1991) Oxidizing and Reducing Properties of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (41) 01: A45797. Unpublished study prepared by Hoechst Aktiengesellschaft. 10 p.	05/14/1992	No	06/29/2003	06/29/1993
42316808	Bittner, D.; Rexer, K. (1991) Flash Point Closed of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (13G) 01: A45791. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993



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42316809	Grewer, ?; Niemitz, ? (1991) Explosiveness of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: APH 91/99 A. 14: A45799. Unpublished study prepared by Hoechst Aktiengesellschaft. 8 p.	05/14/1992	No	06/29/2003	06/29/1993
42316810	Martinez, J.; Rexer, K. (1991) Storage Stability of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (31S) 01: A45794. Unpublished study prepared by Hoechst Aktiengesellschaft. 10 p.	05/14/1992	No	06/29/2003	06/29/1993
42316811	Bittner, D.; Rexer, K. (1991) Viscosity of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project No. FOR 0407 (35) 01: A45795. Unpublished study prepared by Hoechst AG. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316812	Frisch, ?; Rexer, K. (1991) Corrosion Characteristics of Glufosinate-Ammonium Soluble Concentrate 60 g/litre: Lab Project Number: FOR 0407 (41) 02: A45890. Unpublished study prepared by Hoechst Aktiengesellschaft. 8 p.	05/14/1992	No	06/29/2003	06/29/1993
42316813	Dulak, L.; O'Grodnick, J. (1992) Arise Insecticide...Summary of Acute Toxicity. Unpublished study prepared by Hoechst Celanese Corp. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42316814	Diehl, K.; Leist, K. (1988) HOE 039866--Liquid, Water-Soluble Concentrate 60 g/l: Testing for Acute Oral Toxicity in the Male and Female Wistar Rat: Lab Project Number: 88. 0406: A38882. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 29 p.	05/14/1992	No	06/29/2003	06/29/1993
42316815	Diehl, K.; Leist, K. (1988) HOE 039866--Liquid, Water-Soluble Concentrate 60 g/l: Testing for Acute Dermal Toxicity in the Male and Female Wistar Rat: Lab Project Number: 88. 0409: A38670. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 21 p.	05/14/1992	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
42316816	Hoffman, T.; Jung, R. (1991) Glufosinate-Ammonium; Soluble Concentrate 60 g/l: Testing for Acute Inhalation Aerosol Toxicity in the Male and Female SPF Wistar Rat, 4-Hour LC50: Lab Project Number: 90. 1219: A46005. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 84 p.	05/14/1992	No	06/29/2003	06/29/1993
42316817	Milbert, U.; Leist, K. (1988) HOE 039866--Liquid, Water Soluble Concentrate 60 g/l: Testing for Primary Eye Irritation in the Rabbit: Lab Project Number: 88. 0408: A38467. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 22 p.	05/14/1992	No	06/29/2003	06/29/1993
42316818	Milbert, U.; Leist, K. (1988) HOE 039866--Liquid, Water Soluble Concentrate 60 g/l: Testing for Primary Dermal Irritation in the Rabbit: Lab Project Number: 88. 0407: A38513. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 20 p.	05/14/1992	No	06/29/2003	06/29/1993
42316819	Hack, R.; Leist, K. (1988) Glufosinate-Ammonium Soluble Concentrate 60 g/l: Testing for Sensitizing Properties in the Pirbright-White Guinea Pig According to the Technique of Buehler: Lab Project Number: 90. 1220: A45327. Unpublished study prepared by Hoechst Aktiengesellschaft, Pharma Res. Tox and Path. 26 p.	05/14/1992	No	06/29/2003	06/29/1993
42318300	Hoechst Celanese Corp. (1992) Submission of Product Chemistry and toxicology data in support of registration for Shield Grass and Weed Killer Ready to use. Transmittal of 18 studies.	05/14/1992	No	06/29/2003	06/29/1993
42318301	Dulak, L.; O'Grodnick, J. (1992) Shield Herbicide (Code No. HOE 39866 00 SE01 A301) Summary of Product Chemistry. Prepared by Hoechst Celanese Corp. 5 p.	05/14/1992	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
42318302	Bittner, D.; Rexer, K. (1991) Colour of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (11) 01: A45926. Unpublished study prepared by Hoechst Aktiengesellschaft Pflanzenschutz Forschung Formulierung G 813. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318303	Martinez, J.; Rexer, K. (1991) Physical State of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (39) 01: A45932. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318304	Martinez, J.; Rezer, K. (1991) Odour of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (14) 01: A45928. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318305	Bittner, D.; Rexer, K. (1991) Density of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (06) 01: A45925. Unpublished study prepared by hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318306	Bittner, D.; Rexer, K. (1991) Ph-value of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0463 (21) 01: A45929. Unpublished study prepared by Hoechst Aktiengesellschaft. 10 p.	05/14/1992	No	06/29/2003	06/29/1993
42318307	Bittner, D.; Rexer, K. (1991) Oxidizing and Reducing Properties of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (41) 01: A45933. Unpublished study prepared by Hoechst Aktiengesellschaft. 10 p	05/14/1992	No	06/29/2003	06/29/1993
42318308	Bittner, D.; Rexer, K. (1991) Flash Point Closed of Glufosinate-Ammonium Spray Mixture 10 g/liter: Lab Project Number: FOR 0453 (13G) 01: A45927. Unpublished study prepared by hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318309	Grewer, ?; Niemitz, ?. (1991) Explosiveness of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: APH 91/571 A. 14.: A45934. Unpublished study prepared by Hoechst Aktiungesellschaft. 8 p.	05/14/1992	No	06/29/2003	06/29/1993

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42318310	Martinez, J.; Rexer, K. (1991) Storage Stability of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (31S) 01: A45930. Unpublished study prepared by Hoechst Aktiengesellschaft. 10 p.	05/14/1992	No	06/29/2003	06/29/1993
42318311	Bittner, D.; Rexer, K. (1991) Viscosity of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (35) 01: A45931. Unpublished study prepared by Hoechst Aktiengesellschaft. 9 p.	05/14/1992	No	06/29/2003	06/29/1993
42318312	Frisch, ?.; Rexer, K. (1991) Corrosion Characteristics of Glufosinate-Ammonium Spray Mixture 10 g/litre: Lab Project Number: FOR 0453 (41) 02: A45888. Unpublished study prepared by Hoechst Aktiengesellschaft. 8 p.	05/14/1992	No	06/29/2003	06/29/1993
42318313	Dulak, L.; O'Grodnick, J. (1992) Shield Herbicide (code No. HOE 039866 00 SE01 A301) Summary of Acute toxicity. Unpublished study prepared by Hoechst Celanese Corp. 7 p.	05/14/1992	No	06/29/2003	06/29/1993
42318314	Ehling, G.; Leist, K. (1991) glufosinate-Ammonium: Spray Mixture: 10 g/l (Code: HOE 039866 00 SE01 A301). Testing for Acute Oral Toxicity in the male and female wistar rat: Lab Project Number: 91. 0041: A45554. Unpublished study prepared by hoechst Aktiengesellschaft. 24 p.	05/14/1992	No	06/29/2003	06/29/1993
42318315	Ehling, G.; Leist, K. (1991) Glufosinate-Ammonium: Spray Mixture: 10 g/l (Code: HOE 039866 00 SE01 A301). Testing for Acute Dermal Toxicity in the Male and Female Wistar Rat: Lab Project Number: 91. 0044: A45696. Unpublished study prepared by Hoechst Aktiengesellschaft. 29 p.	05/14/1992	No	06/29/2003	06/29/1993
42318316	Hack, R.; Leist, K. (1991) Glufosinate-Ammonium: Spray Mixture: 10 g/l (Code: HOE 039866 00 SE01 A301). Testing for Primary Eye Irritation in the Rabbit: Lab Project Number: 91. 0043: A45556. Unpublished study prepared by Hoechst Aktiengesellschaft. 29 p.	05/14/1992	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
42318317	Myer, J. (1992) Eye Irritation Study of Ignite (HOE 039866 00 SE 01 A3) in Rabbits: Lab Project Number: 327-163. Unpublished study prepared by International Research and Development Corp. 17 p.	05/14/1992	No	06/29/2003	06/29/1993
42318318	Hack, R.; Leist, K. (1991) Glufosinate-Ammonium: Spray Mixture: 10 g/l (Code: HOE 039866 00 SE01 A301). Testing for primary dermal irritation in the rabbit: Lab Project Number: 91. 0042: A45555. Unpublished study prepared by Hoechst Aktiengesellschaft. 21 p.	05/14/1992	No	06/29/2003	06/29/1993
42523600	Hoechst Celanese Corp. (1992) Submission of residue data in support of the registration and tolerance petition for Ignite 1SC Herbicide. Transmittal of 3 studies.	10/22/1992	No	06/29/2003	06/29/1993
42523601	Czarnecki, J.; O'Grodnick, J. (1992) Petitioner Response to: EPA Dietary Exposure Branch/Health Effects Division Reviews Dated Sept. 14, 1989 and August 8, 1990; EPA Chemistry Branch II-Registration Support/Health Effects Div. Review Dated Nov. 12, 1991 of Petition for Permanent Tolerances for the Herbicide Glufosinate-Ammonium in/on Apples, Grapes and Nuts. Unpublished study prepared by Hoechst Celanese Corp. 65 p.	10/22/1992	No	06/29/2003	06/29/1993
42523602	McKinney, F.; Czarnecki, J. (1992) Method Validation for the Determination of HOE-039866 and Metabolites (HOE-061517) in Meat, Milk and Eggs, Dated 5/22/92: Lab Project Number: 90-0096 HOE: 90-0234. Unpublished study prepared by EN-CAS Analytical Laboratories, Inc. 66 p.	10/22/1992	No	06/29/2003	06/29/1993
42523603	McKane, E.; Norby, N.; Czarnecki, J. (1992) PR Notice 88-5 Enforcement Method Validation for HOE-039866 and Its Metabolite HOE-061517 in Livestock and Poultry Tissues, Milk, and Eggs, Dated 9/10/92: Lab Project Number: 92095: 91-0057. Unpublished study prepared by Pan-Agricultural Laboratories, Inc. 120 p.	10/22/1992	No	06/29/2003	06/29/1993



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42768200	Hoechst Celanese Corp. (1993) Submission of Supplemental Toxicity Data in Response to RfD/Peer Review Report on Glufosinate-Ammonium. Transmittal of 1 Study.	05/06/1993	No	06/29/2003	06/29/1993
42768201	Dulak, L. (1993) Glufosinate-Ammonium (Ignite Products): Petitioner Response to RfD/Peer Review Report of CORT Studies Dated May 13, 1992: Lab Project Number: RCC 338400: HOE 039866. Unpublished study prepared by Hoechst Celanese Corp. 377 p.	05/06/1993	No	06/29/2003	06/29/1993
43110400	Hoechst Celanese Corp. (1994) Submittal of Field Dissipation Data in Support of Registration of Ignite 1SC Herbicide and Tolerance Petition. Transmittal of 2 studies.	02/03/1994	No	06/29/2003	06/29/1993
43110401	Czarnecki, J.; O'Grodnick, J. (1994) Ignite 1SC Herbicide: Petitioner Response to EPA Environmental Fate and Ground Water Branch Review Dated July 23, 1992 for Data Requirements for Ignite 1SC Herbicide (Glufosinate-Ammonium) for Conditional Registration on Apples, Grapes, and Nut Crops. Unpublished study prepared by Hoechst Celanese Corp. 27 p.	02/03/1994	No	06/29/2003	06/29/1993
43110402	Mayasich, J.; Czarnecki, J. (1994) Terrestrial Field Dissipation of Ignite Herbicide Applied to a Citrus Grove in Florida: Lab Project Number: 89-0093; 90-0008; 90-0081 HOE. Unpublished study prepared by Hoechst Celanese Corp. 346 p.	02/03/1994	No	06/29/2003	06/29/1993
43515600	AgrEvo USA Co. (1995) Submission of Metabolism and Residue Data in Support of Experimental Use Permit and Temporary Tolerance Petition for Liberty Herbicide. Transmittal of 9 Studies.	01/18/1995	No	06/29/2003	06/29/1993
43515601	Kronenberg, J. (1995) Use of Glufosinate-Ammonium on Glufosinate-Ammonium Resistant Crops: Toxicology Overview and Risk Assessment. Unpublished study prepared by AgrEvo USA Co. 49 p.	01/18/1995	No	06/29/2003	06/29/1993



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43515602	Burnett, T. (1994) (Carbon-14)-Glufosinate-Ammonium: Nature of the Residue in Field Corn: Lab Project Number: 93260: 93-0025. Unpublished study prepared by Pan-Agricultural Labs, Inc. 190 p.	01/18/1995	No	06/29/2003	06/29/1993
43515603	Rupprecht, J.; Smith, S. (1994) Metabolism of (carbon 14)-Glufosinate Ammonium in Soybeans, Treated Under Normal Field Conditions: Lab Project Number: 500BK. Unpublished study prepared by AgrEvo USA Co. 168 p.	01/18/1995	No	06/29/2003	06/29/1993
43515604	Bertrand, N. (1994) Method Validation--Determination of Residue Levels of Glufosinate-Ammonium and Metabolites in Various Field Corn and Soybean Matrices: Lab Project Number: XEN 93-19A: 93-0027: XEN93-19A. Unpublished study prepared by Xenos Labs, Inc. 172 p.	01/18/1995	No	06/29/2003	06/29/1993
43515605	Norby, N. (1994) Determination of Possible Analytical Interference From Other Pesticides During the Analysis of Crops for Residues of Glufosinate-Ammonium: Lab Project Number: 94428: BK-94R-07. Unpublished study prepared by Pan-Agricultural Labs, Inc. 141 p.	01/18/1995	No	06/29/2003	06/29/1993
43515606	Czarnecki, J.; Belcher, T.; Norby, N.; et al. (1994) Magnitude of the Residue of Ignite Herbicide in Transgenic Field Corn Following Application of Ignite Herbicide: Final Report: Lab Project Number: ER-93-USA-01-IA-01: ER-93-USA-01-IL-01: ER-93-USA-01-NE-01. Unpublished study prepared by Pan-Agricultural Labs, Inc. 994 p.	01/18/1995	No	06/29/2003	06/29/1993
43515607	Czarnecki, J.; Rickard, D.; Bertrand, N. (1994) Magnitude of the Residue in Transgenic Soybeans Following Application of Ignite Herbicide: Final Report: Lab Project Number: 93225: HRAVC 93-0007: 93-0007. Unpublished study prepared by Pan-Agricultural Labs, Inc. 434 p.	01/18/1995	No	06/29/2003	06/29/1993

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43515608	Brady, S.; Belcher, T.; Bertrand, N. (1994) Magnitude of the Residue of Ignite Herbicide in Transgenetic Field Corn RAC and Corresponding Processed Commodities Following Application of Ignite Herbicide: Final Report: Lab Project Number: 93230: HRAVC 93-0006: ER-93-USA-01. Unpublished study prepared by Pan-Agricultural Labs, Inc. 340 p.	01/18/1995	No	06/29/2003	06/29/1993
43515609	Czarnecki, J.; Rickard, D.; Bertrand, N. (1994) Magnitude of the Residue in Transgenetic Soybean Processed Commodities Following Application of Ignite Herbicide: Final Report: Lab Project Number: 93231: 93-0007: ER-93-USA-02. Unpublished study prepared by Pan-Agricultural Labs, Inc. 218 p.	01/18/1995	No	06/29/2003	06/29/1993
43524600	AgrEvo USA Co. (1995) Submission of residue data in support of EUP and tolerance petition for Liberty Herbicide. Transmittal of 1 study.	01/18/1995	No	06/29/2003	06/29/1993
43524601	Castro, L.; Dacus, S. (1994) Independent Laboratory Confirmation of the Analytical Method AE-24 (Draft): Revision 4A for Glufosinate-Ammonium Residues in or on Crops, USA, 1994: Lab Project Number: BK/94R/05. Unpublished study prepared by AgrEvo Residue Chemistry Dept. 97 p.	01/18/1995	No	06/29/2003	06/29/1993
43612300	AgrEvo USA Co. (1995) Submission of Residue Chemistry Data in Support of Registration of Ignite Herbicide and Pesticide Petition of Glufosinate Ammonium. Transmittal of 2 Studies.	04/13/1995	No	06/29/2003	06/29/1993
43612301	Czarnecki, J. (1995) Petitioner Response to EPA Review Dated October 26, 1994: Regarding Glufosinate-Ammonium: Results of Petition Method Validation in/on Animal Tissue Commodities. Unpublished study prepared by AgrEvo USA Co. 8 p.	04/13/1995	No	06/29/2003	06/29/1993

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43612302	Czarnecki, J. (1995) Gas Chromatographic Determination of HOE-039866 (Ammonium-DL-Homoalanin-4-yl-(Methyl)-Phosphinate) and Its Metabolite HOE-061517(Methylphosphinico-Propionic Acid) as Residues in Livestock and Poultry Tissue, Milk and Eggs: Lab Project Number: BK/01/95. Unpublished study prepared by AgrEvo USA Co. 59 p.	04/13/1995	No	06/29/2003	06/29/1993
43766900	AgrEvo USA Co. (1995) Submission of Product Chemistry, Metabolism, Residue, and Environmental Fate Data in Support of the Application for Registration of Liberty Herbicide and a Petition for Tolerance for Glufosinate-Ammonium on Corn and Soybean. Transmittal of 33 Studies.	08/16/1995	No	06/29/2003	06/29/1993
43766901	Netzband, D. (1995) Discussion of the Product Identity, Disclosure of Ingredients, Beginning Materials and Manufacturing Process, Formation of Impurities, and Certification of Ingredient Limits for Liberty Herbicide: Lab Project Number: 1110-94.01/1: A54483. Unpublished study prepared by AgrEvo USA Co. 20 p.	08/16/1995	No	06/29/2003	06/29/1993
43766902	Netzband, D. (1995) The Validation of Analytical Method Used to Determine Glufosinate-Ammonium in Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/5: A54469. Unpublished study prepared by AgrEvo USA Co. 24 p.	08/16/1995	No	06/29/2003	06/29/1993
43766903	Oliver, S. (1995) The Determination of the Color of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/6: A54467. Unpublished study prepared by AgrEvo USA Co. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766904	Oliver, S. (1995) The Determination of the Physical State of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/7: A54475. Unpublished study prepared by AgrEvo USA Co. 9 p.	08/16/1995	No	06/29/2003	06/29/1993
43766905	Netzband, D. (1995) The Determination of the Density of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/8: A54465. Unpublished study prepared by AgrEvo USA Co. 15 p.	08/16/1995	No	06/29/2003	06/29/1993

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43766906	Oliver, S. (1995) The Determination of the pH of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/9: A54474. Unpublished study prepared by AgrEvo USA Co. 9 p.	08/16/1995	No	06/29/2003	06/29/1993
43766907	Netzband, D. (1995) The Determination of Oxidizing/Reducing Action of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/10: A54473. Unpublished study prepared by AgrEvo USA Co. 11 p.	08/16/1995	No	06/29/2003	06/29/1993
43766908	Oliver, S. (1995) The Determination of the Flammability of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/11: A54471. Unpublished study prepared by AgrEvo USA Co. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766909	Netzband, D. (1995) The Determination of the Explodability of Liberty Herbicide: Lab Project Number: 1110-94.01/12: A54464. Unpublished study prepared by AgrEvo USA Co. 8 p.	08/16/1995	No	06/29/2003	06/29/1993
43766910	Oliver, S. (1995) The Determination of the Viscosity of Liberty Herbicide: (Amended Report): Lab Project Number: 111-94.01/14: A54470. Unpublished study prepared by AgrEvo USA Co. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766911	Oliver, S. (1995) The Determination of the Miscibility of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01/15: A54472. Unpublished study prepared by AgrEvo USA Co. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766912	Oliver, S. (1995) The Determination of the Corrosion Characteristics of Liberty Herbicide: (Amended Report): Lab Project Number: 1110-94.01-16: A54466. Unpublished study prepared by AgrEvo USA Co. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766913	Stumpf, K. (1993) Hoe 039866-(Carbon-14): Metabolism in Male and Female Rats Following Single Oral Administration of Test Substance at a Dose Level of 2 mg/kg Body Weight: Lab Project Number: CM90/028: TEP57/12: A49981. Unpublished study prepared by Hoechst Aktiengesellschaft. 49 p.	08/16/1995	No	06/29/2003	06/29/1993

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43766914	Lauck-Birkel, S. (1995) Hoe 039866- (Carbon-14), Glufosinate-Ammonium: Metabolism in Male and Female Rats Following Single Oral Administration of Test Substance at a Dose Level of 500 mg/kg Body Weight: Lab Project Number: CM 93/071: A54334. Unpublished study prepared by Hoechst Schering. 57 p.	08/16/1995	No	06/29/2003	06/29/1993
43766915	Novak, R. (1995) Terrestrial Field Dissipation of Ignite Herbicide Applied to Transgenic Corn: Lab Project Number: HRAV 93-0014: F93-1929: H93-04R. Unpublished study prepared by Heartland Technologies; En-Cas Analytical Labs and NPC, Inc. 962 p.	08/16/1995	No	06/29/2003	06/29/1993
43766916	Novak, R. (1995) Terrestrial Field Dissipation of Ignite Herbicide Applied to Transgenic Soybean: Lab Project Number: HRAV 93-0015: F93-1930: A54506. Unpublished study prepared by Stewart Agricultural Research Services, Inc.; En-Cas Analytical Labs; and NPC, Inc. 956 p.	08/16/1995	No	06/29/2003	06/29/1993
43766917	Meyer, B.; Tull, P.; Rupprecht, J. (1995) Uptake of (Carbon 14)-Glufosinate-Ammonium in Soil by Rotational Crops Under Confined Conditions: Lab Project Number: 506BK: A600/U012B: A54272. Unpublished study prepared by AgrEvo USA Co. 102 p.	08/16/1995	No	06/29/2003	06/29/1993
43766918	Huang, M.; Smith, S. (1995) Metabolism of (Carbon 14)-Glufosinate in a Lactating Goat: Lab Project Number: 508BK: U012A/A524R: A54158. Unpublished study prepared by AgrEvo USA Co. and Hazleton Wisconsin, Inc. 111 p.	08/16/1995	No	06/29/2003	06/29/1993
43766919	Huang, M.; Smith, S. (1995) Metabolism of (Carbon 14)-Glufosinate in Laying Hens: Lab Project Number: 509BK: U012A/A525R: A54159. Unpublished study prepared by AgrEvo USA Co. and Hazleton Wisconsin, Inc. 108 p.	08/16/1995	No	06/29/2003	06/29/1993



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43766920	Brunk, J.; Kebede, E. (1995) Testing of Hoe-099730 through FDA Multiresidue Protocols A Through G: Lab Project Number: R110B/U12A: BK-95R-07: 95001. Unpublished study prepared by AgrEvo USA Co. and Spectralytix, Inc. 153 p.	08/16/1995	No	06/29/2003	06/29/1993
43766921	Czarnecki, J.; Brady, S. (1995) Magnitude of Glufosinate-Ammonium Residues in the Tissues and Milk of Dairy Cows Dosed with Glufosinate-Ammonium and Hoe-099730 at 1, 3 and 10 Times the Estimated Maximum Daily Intake, for 28 Consecutive Days, USA, 1994: Lab Project Number: BK-94R-09: A54503: 94-0052. Unpublished study prepared by Bio-Life Associates, Ltd. and En-Cas Analytical Labs, Inc. 725 p.	08/16/1995	No	06/29/2003	06/29/1993
43766922	Czarnecki, J.; Brady, S. (1995) Magnitude of Glufosinate-Ammonium Residues in the Tissues and Eggs of Chickens Dosed with Glufosinate-Ammonium and Hoe-099730 at 1, 3 and 10 Times the Estimated Maximum Daily Intake, for 28 Consecutive Days, USA, 1994: Lab Project Number: BK-94R-08: A54485: 94-0053. Unpublished study prepared by Bio-Life Associates, Ltd. and En-Cas Analytical Labs, Inc. 736 p.	08/16/1995	No	06/29/2003	06/29/1993
43766923	Brady, S. (1995) Magnitude of the Residues of Glufosinate-Ammonium in or on Transgenic Field Corn Following Two Applications of Ignite Herbicide: Lab Project Number: BK-94R-01: A54160: MN-01. Unpublished study prepared by ABC Labs, Inc. and AgrEvo USA Co. 695 p.	08/16/1995	No	06/29/2003	06/29/1993
43766924	Brady, S. (1995) Magnitude of the Residues of Glufosinate-Ammonium in or on Transgenic Soybeans Following Two Applications of Ignite Herbicide: Lab Project Number: BK-94R-02: A54156: VA-01. Unpublished study prepared by AgrEvo USA Co. 388 p.	08/16/1995	No	06/29/2003	06/29/1993



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43766925	Brady, S. (1995) Magnitude of the Residues of Glufosinate-Ammonium in or on Soybean Hay and Seed Resulting from Application of Ignite Once at Third Node or Twice at Three Growth Stage Combinations, USA, 1994: Lab Project Number: BK-94R-06: A54108: 127-177. Unpublished study prepared by AgrEvo USA Co. 75 p.	08/16/1995	No	06/29/2003	06/29/1993
43766926	Brady, S. (1995) Magnitude of the Residues of Glufosinate-Ammonium in or on Transgenic Field Corn Processed Commodities Following Two Applications of Ignite Herbicide: Lab Project Number: BK-94R-03: A54284: 94355. Unpublished study prepared by Stewart Agricultural Research Services, Inc. and Xenos Labs, Inc. 275 p.	08/16/1995	No	06/29/2003	06/29/1993
43766927	Brady, S. (1995) Magnitude of the Residues of Glufosinate-Ammonium in or on Transgenic Soybean Processed Commodities Following Two Applications of Ignite Herbicide: Lab Project Number: BK-95R-04: A54283: XEN94-30. Unpublished study prepared by ABC Labs, Inc. and Xenos Labs, Inc. 262 p.	08/16/1995	No	06/29/2003	06/29/1993
43766928	Schulz, A. (1993) (Inert Ingredient) Biochemical Characterization: Lab Project Number: 93.01: A50188. Unpublished study prepared by Hoechst Aktiengesellschaft. 12 p.	08/16/1995	No	06/29/2003	06/29/1993
43766929	Schulz, A. (1993) (Inert Ingredient): Inactivation by Pig and Cattle Gastric Juice: Lab Project Number: 93.02: A51230. Unpublished study prepared by Hoechst Aktiengesellschaft. 5 p.	08/16/1995	No	06/29/2003	06/29/1993
43766930	Schneider, R. (1993) Fate of Introduced DNA in Gut: Degradation of (Inert Ingredient) Gene from Transgenic Rape HCN 92 (Brassica napus) in Stomach Fluids from Pig, Chicken and Cow: Lab Project Number: 93/06: A51613. Unpublished study prepared by Hoechst AG. 27 p.	08/16/1995	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
43766931	Schulz, A. (1994) Expression of the (Inert Ingredient) in Glufosinate Resistant T14 and T25 Corn: Lab Project Number: AS 94.10E: A53356. Unpublished study prepared by Hoechst Schering. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766932	Schulz, A. (1994) Comparison of the (Inert Ingredient) Expressed in Escherichia coli, Corn (T14 and T25) and Canola (HCN-92): Lab Project Number: AS 94.11E: A53391: 94.11E. Unpublished study prepared by Hoechst Schering AgrEvo Ltd. 10 p.	08/16/1995	No	06/29/2003	06/29/1993
43766933	Eckes, P. (1994) Comparison of the Synthetic (Inert Ingredient) and the (Inert Ingredient) with Other Known Nuclotide (sic) and Protein Sequences: Lab Project Number: EC-94.05: A53504. Unpublished study prepared by Hoechst Schering. 75 p.	08/16/1995	No	06/29/2003	06/29/1993
43778400	AgrEvo USA Co. (1995) Submission of Product Chemistry, Toxicology, Residue Chemistry, Hazards to Non-Target Plants, and Metabolism Data in Support of the Registration of Liberty Herbicide and in Support of a Tolerance Petitions for Use of Glufosinate-Ammonium on Corn and Soybeans. Transmittal of 3 Studies.	08/16/1995	No	06/29/2003	06/29/1993
43778401	Kronenberg, J.; Dorr, V. (1995) Use of Glufosinate-Ammonium on Glufosinate-Ammonium Resistant Corn and Soybean: Reasonable Grounds in Support of the Petition and Safety Evaluation. Unpublished study prepared by AgrEvo USA Co. 92 p.	08/16/1995	No	06/29/2003	06/29/1993
43778402	Maas, J.; Braun, R. (1995) Hoe 039866- (Carbon 14): Sampling of Blood, Excrements, Organs and Tissues for Metabolism Studies in Male and Female Rats Following Single Oral Administration of Approximately 500 mg/kg Body Weight: Lab Project Number: 57/13: A54450. Unpublished study prepared by Hoechst Aktiengesellschaft. 15 p.	08/16/1995	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
43778403	Schulz, A. (1994) Digestion of the Phosphinothricin Acetyltransferase Enzyme in Human Gastric Fluid (Simulated): Lab Project Number: AS 94.12E: A53425; 94.12E. Unpublished study prepared by Hoechst Schering AgrEvo Ltd. 12 p.	08/16/1995	No	06/29/2003	06/29/1993
43829400	AgrEvo USA Co. (1995) Submission of Toxicology Data in Support of FIFRA 6(a)(2) for L-Glufosinate Ammonium. Transmittal of 5 Studies.	10/26/1995	No	06/29/2003	06/29/1993
43829401	Diehl, K.; Leist, K. (1988) Hoe 058192--Active Ingredient Technical: Testing for Acute Oral Toxicity in the Male and Female Wistar Rat: Lab Project Number: 88.0180: 88.1500: A39247. Unpublished study prepared by Hoechst Aktiengesellschaft. 33 p.	10/26/1995	No	06/29/2003	06/29/1993
43829402	Diehl, K.; Leist, K. (1988) Hoe 058192--Active Ingredient Technical: Testing for Acute Oral Toxicity in the Male and Female NMRI Mouse: Lab Project Number: 88.0181: 88.0625: A38977. Unpublished study prepared by Hoechst Aktiengesellschaft. 30 p.	10/26/1995	No	06/29/2003	06/29/1993
43829403	Diehl, K.; Leist, K. (1988) Hoe 058192--Active Ingredient Technical: Testing for Acute Intraperitoneal Toxicity in the Male and Female Wistar Rat: Lab Project Number: 88.0185: 88.1205: A39395. Unpublished study prepared by Hoechst Aktiengesellschaft. 29 p.	10/26/1995	No	06/29/2003	06/29/1993
43829404	Hofmann, T.; Jung, R. (1988) Hoe 058192--Active Ingredient Technical: Testing for Acute Dust Inhalation Toxicity in the Male and Female SPF Wistar Rat: 4-Hour LC50: Lab Project Number: 88.0187: 88.1649: A39673. Unpublished study prepared by Hoechst Aktiengesellschaft. 68 p.	10/26/1995	No	06/29/2003	06/29/1993
43829405	Becker, H.; Biedermann, K.; Terrier, C. (1992) Embryotoxicity Study (Including Teratogenicity) with Hoe 058192 Substance Technical in the Rabbit: Lab Project Number: 207257: A48210. Unpublished study prepared by RCC, Research and Consulting Co., Ltd. and RCC, Umweltchemie AG. 258 p.	10/26/1995	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
43953200	AgrEvo (1996) Submission of Pesticide Use Data in Support of Petition for Temporary Tolerance and Experimental Use Permit for Liberty Herbicide. Transmittal of 1 Study.	03/18/1996	No	06/29/2003	06/29/1993
43953201	Dorr, V. (1996) Petitioner's Response to the Chemistry Branch I--Tolerance Support Residue Chemistry Data Review of the Petition for Temporary Tolerance of Glufosinate-Ammonium on Corn and Soybean. Unpublished study prepared by AgrEvo USA Co. 24 p.	03/18/1996	No	06/29/2003	06/29/1993
44032900	AgrEvo USA Co. (1996) Submission of Product Chemistry Data in Support of the Registration Data Call-In for Ignite Manufacturing-Use Product and Ignite Technical. Transmittal of 1 Study.	04/24/1996	No	06/29/2003	06/29/1993
44032901	Miklautz, H. (1995) The Vapor Pressure of Glufosinate-Ammonium (Hoe 039866) at 25 (degrees) C: Lab Project Number: 0910: A55227: APC 126/95. Unpublished study prepared by Schering AG, Institute of Physical Chemistry. 16 p.	04/24/1996	No	06/29/2003	06/29/1993
44033300	AgrEvo USA Co. (1996) Submission of Residue and Pesticide Use Data in Support of the Application for Registration of Liberty Herbicide and Tolerance Petition for Glufosinate-Ammonium in/on Corn and Soybeans. Transmittal of 2 Studies.	06/11/1996	No	06/29/2003	06/29/1993
44033301	Dorr, V. (1996) Petitioner's Response to the Chemistry Branch I--Tolerance Support Residue Chemistry Data Review of the Petition for Permanent Tolerance of Glufosinate-Ammonium on Corn and Soybean. Unpublished study prepared by AgrEvo USA Co. 24 p.	06/11/1996	No	06/29/2003	06/29/1993
44033302	Czarnecki, J. (1996) Magnitude of the Residue of Glufosinate-Ammonium in or on Transgenic Field Corn Processed Commodities Following Two Applications of Ignite Herbicide: Report Amendment No. 1: Lab Project Number: A55793: BK-94R-03: A54284. Unpublished study prepared by Texas A&M University and Xenos Labs, Inc. 79 p.	06/11/1996	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
44067800	AgrEvo USA Co. (1996) Submission of Toxicology Data in Support of Registration of Liberty Herbicide and Petition for Tolerances. Transmittal of 2 Studies.	07/24/1996	No	06/29/2003	06/29/1993
44067801	Schollmeier, U.; Leist, K. (1988) Hoe 099730--Substance Technical...Testing for Acute Oral Toxicity in the Male and Female Wistar Rat: Lab Project Number: 88.1547; A41793; 89.0879. Unpublished study prepared by Hoechst Aktiengesellschaft. 18 p.	07/24/1996	No	06/29/2003	06/29/1993
44067802	Rupprich, N.; Weigand, W. (1984) Hoe 061517--Substance Technical...Testing for Acute Oral Toxicity in the Male and Female Wistar Rats: Lab Project Number: 84.0265; A33227. Unpublished study prepared by Hoechst Aktiengesellschaft. 27 p.	07/24/1996	No	06/29/2003	06/29/1993
44068500	AgrEvo USA Co. (1996) Submission of Toxicity Data in Support of the Registration of L-Glufosinate-Ammonium. Transmittal of 2 Studies.	07/30/1996	No	06/29/2003	06/29/1993
44068501	Dotti, A.; Stucki, H.; Luetkemeier, H. et al. (1989) 14-Week Oral Toxicity (Feeding) Study with Hoe 058192 Substance Technical in the Rat: Lab Project Number: 224796; A51254; 227136. Unpublished study prepared by RCC, Research and Consulting Co., Ltd. and RCC Umweltchemie AG. 487 p.	07/30/1996	No	06/29/2003	06/29/1993
44068502	Allen, T.; Frei, T.; Luetkemeier, H. et al. (1989) 13-Week Oral Toxicity (Feeding) Study with Hoe 058192 Substance Technical in the Dog: Lab Project Number: 203027; A49444; 220476. Unpublished study prepared by RCC, Research and Consulting Co., Ltd.; RCC Umweltchemie AG; and Hoechst AG. 436 p.	07/30/1996	No	06/29/2003	06/29/1993
44076200	AgrEvo USA Co. (1996) Submission of Toxicity Data in Support of the Application for Registration of Liberty Herbicide and Petition for Tolerance for Glufosinate-Ammonium. Transmittal of 10 Studies.	07/24/1996	No	06/29/2003	06/29/1993



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44076201	Tennekes, H.; Probst, D.; Luetkemeier, H. et al. (1994) Hoe 099730--Substance Technical: Sub-Chronic Oral Toxicity--13 Week Feeding Study in Rats--Plus Amendment: Lab Project Number: 291093: A48187: A53387. Unpublished study prepared by RCC, Research & Consulting Co., Ltd.; RCC Umweltchemie Ltd.; and BRL, Biological Research Labs, Ltd. 467 p.	07/24/1996	No	06/29/2003	06/29/1993
44076202	Tennekes, H.; Schmid, H.; Probst, D.; et al. (1994) Hoe 099730--Substance Technical: Sub-Chronic Oral Toxicity--13 Week Feeding Study in Mice--Plus Supplement: Lab Project Number: 291025: A48186: A53386. Unpublished study prepared by RCC, Research & Consulting Co., Ltd.; RCC Umweltchemie Ltd.; and BRL, Biological Research Labs., Ltd. 372 p.	07/24/1996	No	06/29/2003	06/29/1993
44076203	Corney, S.; Braunhofer, P.; Luetkemeier, H. et al. (1994) Hoe 099730--Substance Technical: 13-Week Oral Toxicity (Feeding) Study in the Dog--Plus Supplement: Lab Project Number: 291104: A49064: A53388. Unpublished study prepared by RCC, Research & Consulting Co., Ltd.; RCC Umweltchemie Ltd.; and BRL, Biological Research Labs., Ltd. 381 p.	07/24/1996	No	06/29/2003	06/29/1993
44076204	Horstmann, G.; Baeder, C. (1993) Hoe 099730--Substance Technical: Testing for Embryotoxicity in the Wistar Rat After Oral Administration (Limit Test): Plus Supplement: Lab Project Number: RR0628: 90.1227: A48852. Unpublished study prepared by Hoechst Aktiengesellschaft. 234 p.	07/24/1996	No	06/29/2003	06/29/1993
44076205	Baeder, C.; Hofmann, T. (1995) Hoe 099730--Substance Technical: Testing for Embryotoxicity After Oral Administration in Himalayan Rabbits: Plus Supplement: Lab Project Number: 93.0112: A52948: A54431. Unpublished study prepared by Hoechst Aktiengesellschaft. 173 p.	07/24/1996	No	06/29/2003	06/29/1993



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44076206	Ebert, E.; Mayer, D. (1988) Hoe 061517--Substance Technical: Subchronic Oral Toxicity (13-Week Feeding Study) in the Wistar Rat: Lab Project Number: 831: 87.0721: A40450. Unpublished study prepared by Hoechst Aktiengesellschaft. 864 p.	07/24/1996	No	06/29/2003	06/29/1993
44076207	Ebert, E.; Leist, K. (1989) Hoe 061517--Substance Technical: Subchronic Oral Toxicity (13-Week Feeding Study) in the NMRI Mouse: Lab Project Number: 88.0693: A41762: 89.0159. Unpublished study prepared by Hoechst Aktiengesellschaft. 579 p.	07/24/1996	No	06/29/2003	06/29/1993
44076208	Brunk, R. (1988) Hoe 061517--Substance Technical: Testing for Toxicity by Repeated Oral Administration to Beagle Dogs: (3-Month Feeding Study): Lab Project Number: 87.0722: A39880: 835. Unpublished study prepared by Hoechst Aktiengesellschaft. 360 p.	07/24/1996	No	06/29/2003	06/29/1993
44076209	Albrecht, M.; Baeder, C. (1994) Testing of Hoe 061517--Substance Technical for Embryotoxicity in the Wistar Rat After Oral Administration: Lab Project Number: RR0545: 87.0726: A52161. Unpublished study prepared by Hoechst Aktiengesellschaft. 216 p.	07/24/1996	No	06/29/2003	06/29/1993
44076210	Albrecht, M.; Baeder, C. (1994) Testing of Hoe 061517--Substance Technical for Embryotoxicity in the Himalayan Rabbit After Oral Administration: Lab Project Number: RK0546: 87.0727: A52160. Unpublished study prepared by Hoechst Aktiengesellschaft. 168 p.	07/24/1996	No	06/29/2003	06/29/1993
44358600	AgrEvo USA Co. (1997) Submission of Residue Data in Support of the Application for Amended Registration of Liberty Herbicide and Petition for Tolerance of Glufosinate-Ammonium on Sugar Beet and Canola and Import Tolerance on Potato. Transmittal of 12 Studies.	08/21/1997	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
44358601	Allan, J. (1996) (Carbon-14)-Labelled Glufosinate-ammonium (Hoe 039866) Metabolism in Genetically Modified Sugar Beets ( <i>Beta vulgaris</i> ssp <i>vulgaris</i> var <i>altissima</i> ) After Two Applications of (carbon-14)-Glufosinate-Ammonium at a Rate of 600 g a.i./ha Each: Lab Project Number: N:\DORR\TITLEPGS\A58109.DOC: CM95/035. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 67 p. {OPPTS 860.1300}	08/21/1997	No	06/29/2003	06/29/1993
44358602	Brady, S. (1997) Magnitude of Glufosinate-ammonium Residues in or on Transgenic Sugar Beets Resulting from Multiple Applications of Liberty Herbicide at Three Rates, USA, 1995: Lab Project Number: R141/U012: A55839: N:\DORR\TITLEPGS\A55. Unpublished study prepared by AgrEvo USA Co. 191 p. {OPPTS 860.1500}	08/21/1997	No	06/29/2003	06/29/1993
44358603	Greenhalgh, R.; Bertrand, N. (1997) Magnitude of Glufosinate-Ammonium Residues in or on Transgenic Sugar Beet Raw Agricultural Commodities Resulting from Multiple Applications of Liberty Herbicide at Two Rates, USA, 1996: Lab Project Number: R142/U012C: A57730: BK-96R-01. Unpublished study prepared by AgrEvo USA Co. 215 p. {OPPTS 860.1500}	08/21/1997	No	06/29/2003	06/29/1993
44358604	Brady, S.; Bertrand, N. (1997) Magnitude of Glufosinate-Ammonium Residues in or on Transgenic Sugar Beet Roots and Processed Commodities Resulting from Multiple Applications of Liberty Herbicide, USA, 1996: Lab Project Number: BK-96R-05: A57723: BK96R05. Unpublished study prepared by AgrEvo USA Co. 87 p. {OPPTS 860.1520}	08/21/1997	No	06/29/2003	06/29/1993
44358605	MacDonald, R.; Volger, B. (1997) Nature and Magnitude of Residues of Glufosinate-Ammonium in Glufosinate Tolerant Canola: Lab Project Number: A57697: N:\DORR\TITLEPGS\A57697.DOC. Unpublished study prepared by AgrEvo USA Co. 9 p.	08/21/1997	No	06/29/2003	06/29/1993

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44358606	Tshabalala, M. (1993) (Carbon-14)-Glufosinate-Ammonium: Nature of Seed Residue in Transgenic Canola (Rapeseed): Lab Project Number: HWI 6408-100: A51529: PM-039. Unpublished study prepared by Hazleton Wisconsin, Inc. 123 p. {OPPTS 860.1300}	08/21/97	No	06/29/2003	06/29/1993
44358607	Thalacker, F. (1994) (Carbon-14)-Glufosinate-Ammonium: Nature of the Residue in Transgenic Canola (Rapeseed): Lab Project Number: HWI 6408-100: A53141: N:\DORR\TITLEPGS\A5141.DOC: Unpublished study prepared by Hazleton Wisconsin, Inc. 26 p. {OPPTS 860.1300}	08/21/1997	No	06/29/2003	06/29/1993
44358608	MacDonald, R. (1996) Determination of HOE 039866 Residue and Its Metabolites HOE 061517 and HOE 085355 in Glufosinate Tolerant Canola (Brassica napus) Generated from 1993 Field Trials: Lab Project Number: 93-TRANS-C: A56394: XEN93-29, Unpublished study prepared by Xenos Lab., Inc. 68 p. {OPPTS 860.1500}	08/21/1997	No	06/29/2003	06/29/1993
44358609	MacDonald, R. (1996) Determination of HOE 039866 Residue and Its Metabolites HOE 085355 and HOE 061517 in Glufosinate Tolerant Canola (Brassica napus) Generated from 1994 Field Trials: Lab Project Number: 94HCN-01: A56392: XEN94-16. Unpublished study prepared by Xenos Lab., Inc. 111 p. {OPPTS 860.1500}	08/21/1997	No	06/29/2003	06/29/1993
44358610	MacDonald, R. (1996) Determination of HOE 039866 Residue and Its Metabolites HOE 085355 and HOE 061517 in Processed Fractions of Transgenic Canola Seed Treated with Glufosinate-Ammonium: Lab Project Number: 93PT-01: A56386: XEN94-06. Unpublished study prepared by Xenos Lab., Inc. 149 p. {OPPTS 860.1520}	08/21/1997	No	06/29/2003	06/29/1993

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44358611	Deschamps, R.; Volger, B.; Dorr, V. (1997) Total Residues of Glufosinate-Ammonium (HOE 039866 HOE 061517) in Potato Tubers After Desiccation with 400--625 Grams of Active Ingredient/Hectare of Glufosinate-Ammonium Using Different PHIs (7-56 Days) in Canada, 1987-1994. Unpublished study prepared by AgrEvo USA Co. 63 p. {OPPTS 860.1500}	08/21/1997	No	06/29/2003	06/29/1993
44358612	Deschamps, R. (1997) Glufosinate-Ammonium Derived Residues in Potatoes and Processed Potato Commodities Following Vine Desiccation with IGNITE at the Minimum Recommended PHI--USA, 1996: Lab Project Number: BK-96R-01; A57765: BK96R10. Unpublished study prepared by AgrEvo USA Co. 119 p. {OPPTS 860.1520}	08/21/1997	No	06/29/2003	06/29/1993
44377200	AgrEvo USA Co. (1997) Submission of Residue Data in Support of the Registration of Liberty Herbicide and Petition for Tolerances of Glufosinate-Ammonium on Sugar Beet and Canola and Import Tolerance on Potato. Transmittal of 1 Study.	08/21/1997	No	06/29/2003	06/29/1993
44377201	Dorr, V. (1997) Use of Glufosinate-Ammonium Tolerant Sugar Beets and Canola and on Conventional Potatoes: Statutory Findings and Information Summaries: Lab Project Number: A57780. Unpublished study prepared by AgrEvo USA Co. 100 p.	08/21/1997	No	06/29/2003	06/29/1993
44425200	AgrEvo USA Co. (1997) Submission of Residue Data in Support of the Registration of Liberty Herbicide. Transmittal of 2 Studies.	11/13/1997	No	06/29/2003	06/29/1993
44425201	Brady, S.; Bertrand, N. (1997) Magnitude of Glufosinate-Ammonium Residues in or on Transgenic Field Corn Raw Agricultural Commodities Resulting from Two Applications of Liberty Herbicide, with and without Ammonium-Sulfate, USA, 1997: Lab Project Number: BK97R002; A57796: XEN97-23. Unpublished study prepared by AgrEvo Research Center. 79 p. {OPPTS 860.1500}	11/13/1997	No	06/29/2003	06/29/1993

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44425202	Brady, S. (1997) Magnitude of Glufosinate-Ammonium Residues in or on Transgenic Field Corn Raw Agricultural Commodities Resulting from Liberty Herbicide Applied Broadcast Over-the-Top, and/or by Drop Nozzles, USA, 1996: Lab Project Number: BK-96R003: A57829: XEN96-44. Unpublished study prepared by AgrEvo Research Center. 171 p. {OPPTS 860.1500}	11/13/1997	No	06/29/2003	06/29/1993
44432600	AgrEvo USA Co. (1997) Submission of Environmental Fate Data in Support of the Application for Registration of Liberty Herbicide. Transmittal of 1 Study.	11/13/1997	No	06/29/2003	06/29/1993
44432601	Campbell, J.; Bennett, R. (1997) Glufosinate-Ammonium Residues in Winter Wheat Grown in Glufosinate-Ammonium Treated Soil: Lab Project Number: BK-95R009: A57840: BK95R09-I. Unpublished study prepared by AgrEvo USA Co. 427 p. {OPPTS 860.1900}	11/13/1997	No	06/29/2003	06/29/1993
44539500	AgrEvo USA Co. (1998) Submission of Toxicity Data in Support of the Application for Registration of Ignite (Manufacturing-Use Product), Ignite Technical, Rely/Finale, Liberty and Remove Herbicides and Petition for Tolerance of Glufosinate-Ammonium on Sugar Beets, Canola, Potato, Apples, Grapes and Tree Nuts. Transmittal of 1 Study.	04/17/1998	No	06/29/2003	06/29/1993
44539501	Schmid, H.; Keller, B.; Luetkemeier, H. et al. (1998) Glufosinate-ammonium, Substance Technical: Oncogenicity Study in Rats: Final Report: Lab Project Number: 344766: A67303: 639281. Unpublished study prepared by RCC Research and Consulting Co. Ltd., EPS Ltd., and EPS Experimental Pathology Services AG. 2249 p.	04/17/1998	No	06/29/2003	06/29/1993
44583700	AgrEvo USA Company (1998) Submission of Toxicity Data in Support of the Application for Registration of Liberty ATZ Herbicide. Transmittal of 6 Studies.	06/17/1998	No	06/29/2003	06/29/1993

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44583701	Weir, L.; Sindle, T. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate Code: AE F039866 17 SC42 A2101 Rat Acute Oral Toxicity: Lab Project Number: TOX97079(T-97004A): A59361. Unpublished study prepared by AgrEvo UK Limited. 37 p. {OPPTS 870.1100}	06/17/1998	No	06/29/2003	06/29/1993
44583702	Weir, L.; Sindle, T. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate Code: SE F039866 17 SC42 A101 Rat Acute Dermal Toxicity: Lab Project Number: TOX97080(T-97004B): A59362. Unpublished study prepared by AgrEvo UK Limited. 23 p. {870.1200}	06/17/1998	No	06/29/2003	06/29/1993
44583703	Douds, D. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate An Acute Nose-Only Inhalation Toxicity Study in Rats with AE F039866 17 SC42 A101: Lab Project Number: 3361. 53(97004C): A57812. Unpublished study prepared by Springborn Laboratories, Inc. 60 p. {OPPTS 870.1300}	06/17/1998	No	06/29/2003	06/29/1993
44583704	Weir, L.; Sindel, T. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate Code: AE F039866 17 SC42 A101 Rabbit Eye Irritancy: Lab Project Number: TOX97082(T-97004D): A59364. Unpublished study prepared by AgrEvo UK Limited. 18 p. {OPPTS 870.2400}	06/17/1998	No	06/29/2003	06/29/1993
44583705	Weir, L.; Sindle, T. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate Code: AE F039866 17 SC42 A101 Rabbit Skin Irritancy: Lab Project Number: TOX 97081(T-97004E): A59363: TOX/97/269-13. Unpublished study prepared by AgrEvo UK Limited. 16 p. {OPPTS 870.2500}	06/17/1998	No	06/29/2003	06/29/1993
44583706	Douds, D. (1997) Glufosinate Ammonium + Atrazine Suspension Concentrate A Dermal Sensitization Study in Guinea Pigs with AE F039866 17 SC42 A101 (Modified Buehler Design): Lab Project Number: 3361.54(T-97004F): A57814. Unpublished study prepared by Springborn Laboratories, Inc. 43 p. {OPPTS 870.2600}	06/17/1998	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
44583900	AgrEvo USA Company Submission of Residue Chemistry Data in Support of the Registration of Rely Herbicide and Petition for Tolerance of Glufosinate-Ammonium in/on Potatoes. Transmittal of 1 Study.	06/17/1998	No	06/29/2003	06/29/1993
44583901	Brady, S.; Bertrand, N. (1998) Magnitude of Glufosinate-Ammonium Residues in or on Potatoes Resulting from a Single Application of Rely Herbicide USA, 1997: Lab Project Number: BK-97R-13: AR97182: 549725J. Unpublished study prepared by AgrEvo USA Company. 119 p. {860.1500}	06/17/1998	No	06/29/2003	06/29/1993
44610800	AgrEvo USA Co. (1998) Submission of Product Chemistry Data in Support of the Registration of Ignite Manufacturing-Use Product. Transmittal of 1 Study.	07/24/1998	No	06/29/2003	06/29/1993
44610801	Weller, O. (1998) Glufosinate-Ammonium: Analytical Profiles of Ten Production Batches from the Muskegon and Frankfurt Plants Including Description and Validation Data for the Methods Applied: Lab Project Number: PA98/003: A67180. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 49 p. {OPPTS 830.1700 and 830.1800}	07/24/1998	No	06/29/2003	06/29/1993
44611000	AgrEvo USA Co. (1998) Submission of Product Chemistry Data in Support of the Registration of Glufosinate-Ammonium Technical. Transmittal of 3 Studies.	07/24/1998	No	06/29/2003	06/29/1993
44611001	Dehmer, K.; Stumpf, K. (1997) Glufosinate-Ammonium: Description of Starting Materials and Manufacturing Process: Addendum to MRID No. 41323103: Lab Project Number: PSR97/020: A59736. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 11 p. {OPPTS 830.1620}	07/24/1998	No	06/29/2003	06/29/1993
44611002	Weller, O. (1997) Glufosinate-Ammonium: Discussion of the Formation of Impurities: Addendum to MRID No. 41323103: Lab Project Number: A59738: OE97/100: A42093. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 11 p. {OPPTS 830.1670}	07/24/1998	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
44611003	Weller, O. (1998) Glufosinate-Ammonium: Analytical Profiles of Ten Production Batches from the Muskegon and Frankfurt Plants Including Description of the Applied Methods: Lab Project Number: PA98/025: A67101. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 29 p. {OPPTS 830.1700 and 830.1800}	07/24/1998	No	06/29/2003	06/29/1993
44827900	AgrEvo USA Company (1999) Submission of Residue Chemistry Data in Support of the Petition for Tolerance of Glufosinate-Ammonium in/on Sugar Beets and Canola and the Registration of Liberty Herbicide. Transmittal of 1 Study.	05/14/1999	No	06/29/2003	06/29/1993
44827901	Brady, S. (1998) Frozen Storage Stability of HOE-039866 (Glufosinate-Ammonium) and its Metabolites, HOE-099730 and HOE-061517 in Transgenic Sugar Beet Tops and Roots: Lab Project Number: XEN96-19: BK-96R-11: A67531. Unpublished study prepared by Xenos Laboratories, Inc. 53 p. {OPPTS 860.1380}	05/14/1999	No	06/29/2003	06/29/1993
44903200	AgrEvo USA Company (1999) Submission of Residue Chemistry Data in Support of the Registration of Liberty Herbicide, and the Petition for Tolerance of Glufosinate-Ammonium on Sugar Beet and Canola. Transmittal of 1 Study.	08/24/1999	No	06/29/2003	06/29/1993
44903201	Niedzwiadek, B.; Bertrand, N. (1995) Method Validation -Determination of Residues of HOE 039866 (Glufosinate-Ammonium) and its Metabolites, HOE 099730 and HOE 061517 in Tolerant Rape with Method AE-24A: Lab Project Number: XEN95-07: AE-24A. Unpublished study prepared by Xenos Laboratories, Inc. 23 p. {OPPTS 860.1340}	08/24/1999	No	06/29/2003	06/29/1993
44973000	AgrEvo USA Company (1999) Submission of Residue Chemistry Data in Support of the Registration of Liberty Herbicide and the Petition for Tolerance of Glufosinate-Ammonium in/on Sugar Beets and Canola. Transmittal of 1 Study.	11/18/1999	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
44973001	Campbell, J. (1999) Gas Chromatographic Determination of AE F039866 (Glufosinate-Ammonium) and its Metabolites as Residues in Tolerant Canola, Sugar Beet Tops and Roots, Corn and Soybean RAC and Processed Commodities: Lab Project Number: HRAV-5A: AE-24. Unpublished study prepared by Xenos Labs, Inc. 72 p.	11/18/1999	No	06/29/2003	06/29/1993
45053900	Aventis Environmental Science (2000) Submission of Product Chemistry Data in Support of the Application for Registration of GA6-Weed & Grass Killer Ready-To-Use. Transmittal of 2 Studies.	02/28/2000	No	06/29/2003	06/29/1993
45053901	Johnston, S. (2000) Description of Manufacturing Process, Formation of Impurities and Analytical Methods to Verify Certified Limits of GA6--Weed & Grass Killer Ready-To-Use. Unpublished study prepared by Aventis Environmental Science. 18 p.	02/28/2000	No	06/29/2003	06/29/1993
45053902	Hernandez, I. (1999) GA6: Weed & Grass Killer Ready-To-Use: Determination of Product Chemistry: Lab Project Number: 476. Unpublished study prepared by AgrEvo Environmental Health. 5 p.	02/28/2000	No	06/29/2003	06/29/1993
45089300	Aventis CropScience (2000) Submission of Residue Chemistry Data in Support of the Application for Registration of Liberty Herbicide and the Petition for Tolerance of Glufosinate-ammonium in/on Cotton. Transmittal of 3 Studies.	03/31/2000	No	06/29/2003	06/29/1993
45089301	Brady, S.; McKinney, F. (1998) Magnitude of Glufosinate-Ammonium Residues In or On Ginned Cottonseed and Gin Trash Resulting from Two Applications of Liberty Herbicide, USA, 1997: Lab Project Number: BK-97R-07: R02-01: R02-02. Unpublished study prepared by AgrEvo USA Company. 150 p. {OPPTS 860.1500}	03/31/2000	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
45089302	Brady, S. (1998) Magnitude of Glufosinate-Ammonium Residues In or On Transgenic Cottonseed and Processed Commodities Resulting from two Applications of Liberty Herbicide, USA, 1997: Lab Project Number: BK-97R-08: R02-01: R04-01. Unpublished study prepared by AgrEvo USA Company. 106 p. {OPPTS 860.1520}	03/31/2000	No	06/29/2003	06/29/1993
45089303	Dacus, S. (1999) Magnitude of Glufosinate-Ammonium Residues In or On Transgenic Cotton Raw Agricultural Commodities Resulting from Two or Three Applications of Liberty Herbicide, USA, 1998: Lab Project Number: BK98R005: R02-01: R02-02. Unpublished study prepared by AgrEvo USA Company. 112 p. {OPPTS 860.1500}	03/31/2000	No	06/29/2003	06/29/1993
45137000	Aventis CropScience (2000) Submission of Residue Chemistry Data in Support of the Registration of Liberty Herbicide and the Petition for Tolerance of Glufosinate-Ammonium in/on Sugar Beet and Canola. Transmittal of 1 Study.	06/05/2000	No	06/29/2003	06/29/1993
45137001	Hudson, J. (2000) Response to: EPA Memorandum ACB #BOO-(58-59): PP# 7F04910. Glufosinate Ammonium on Sugar Beets and Canola. Tolerance Method Validation Request. Review of Amendment Dated August 24, 1999. Resubmission of Residue Analytical Method Dated November 23, 1999. MRID# 44973001. Gas Chromatographic Determination of AE F039866 (Glufosinate-Ammonium) and its Metabolites as Residues in Tolerant Canola, Sugar Beet Tops and Roots, Corn and Soybean RAC and Processed Commodities: Lab Project Number: B002939. Unpublished study prepared by Xenos Laboratories, Inc. 74 p. {OPPTS 860.1340}	06/05/2000	No	06/29/2003	06/29/1993
45179100	Aventis CropScience (2000) Submission of Toxicity Data in Support of the Registration of Rely Herbicide and the Petition for Tolerance of Glufosinate-Ammonium in/on Potatoes. Transmittal of 3 Studies.	07/31/2000	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
45179101	Hamann, H.; Weber, K.; Luetkemeier, H. et al. (2000) Glufosinate-ammonium; Abbreviated GA (Code AE F039866 00 TK50 A133) and N-acetyl-L-glufosinate; Abbreviated NAG (Code: AE F099730 00 1C92 0001): Repeat Dose Neurotoxicity Study in the Rat Including Water Maze Functional Observation Battery and Brain-, Liver-and Kidney-glutamine Synthetase Enzyme Activities: Lab Project Number: 734297; AZ 07584; CR00/007. Unpublished study prepared by RCC Ltd. 574 p. {OPPTS 870.6200}	07/31/2000	No	06/29/2003	06/29/1993
45179102	Leist, K. (2000) Glufosinate-ammonium; Neurotoxicity Studies: Rationale for Dose Level Selection and Study Duration: Lab Project Number: B0028981. Unpublished study prepared by Aventis CropScience. 9 p.	07/31/2000	No	06/29/2003	06/29/1993
45179103	Schmid, H.; Keller, B.; Biedermann, K. et al. (1999) N-acetyl-L-glufosinate Disodium; Substance, Technical (Code: AE F099730 00 1C92 0001) Abbreviated NAG and Glufosinate-ammonium; Technical Concentrate; 50% (Code AE F039866 00 TK50 A133) Abbreviated GA: 13-Week Oral Feed Study in the Rat; Comparison of the Potential to Inhibit Glutamine Synthetase: Lab Project Number: 711663. Unpublished study prepared by RCC Ltd. 526 p.	07/31/2000	No	06/29/2003	06/29/1993
45190700	Aventis CropScience. (2000) Submission of Toxicity Data in Support of the Registration of Rely Herbicide and the Petitions for Tolerance of Glufosinate-Ammonium in/on Potato. Transmittal of 4 Studies.	07/31/2000	No	06/29/2003	06/29/1993
45190701	Hamann, H. (1999) N-Acetyl-L-Glufosinate Disodium; Abbreviated NAG (Code AE F099730 00 1C92 0001): Acute Neurotoxicity Study in Rat, Including Functional Observation Battery: Lab Project Number: 722755. Unpublished study prepared by RCC, Ltd. 147 p. {OPPTS 870.6200}	07/31/2000	No	06/29/2003	06/29/1993

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45190702	Hamann, H. (1999) N-Acetyl-L-Glufosinate Disodium; Abbreviated NAG (Code AE F099730 001C92 0001): Acute Neurotoxicity Study in the Rat, Including Water Maze Test: Lab Project Number: 722766. Unpublished study prepared by RCC, Ltd. 137 p. {OPPTS 870.6200}.	07/31/2000	No	06/29/2003	06/29/1993
45190703	Hamann, H. (1999) Glufosinate-Ammonium; Abbreviated GA (Code: AE F039866 00 TK50 A133): Acute Neurotoxicity Study in the Rat, Including Functional Observation Battery: Lab Project Number: 723363. Unpublished study prepared by RCC, Ltd. 153 p. {OPPTS 870.6200}.	07/31/2000	No	06/29/2003	06/29/1993
45190704	Hamann, H. (1999) Glufosinate-Ammonium; Abbreviated GA (Code: AE F039866 00 TK50 A133): Acute Neurotoxicity in the Rat, Including Water Maize (sic) Test: Lab Proj. No. 723374. Unpublished study prepared by RCC, Ltd. 138 p. {OPPTS 870.6200}.	07/31/2000	No	06/29/2003	06/29/1993
45204400	Aventis CropScience (2000) Submission of Residue Chemistry, Environmental Fate and Risk and Exposure Assessment Data in Support of the Registration of Liberty Herbicide and the Petition for Tolerance of Liberty Herbicide in/on Rice. Transmittal of 9 Studies.	09/05/2000	No	06/29/2003	06/29/1993
45204401	Stumpf, K. (1994) Aerobic Aquatic Metabolism of (carbon-14)-Labelled Glufosinate-ammonium in Two Water Sediment Systems at Different Application Rates: 1st Amendment to Report CB90/109: Lab Project Number: CB90/109: CB90/109.A01: A53137. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 60 p.	09/05/2000	No	06/29/2003	06/29/1993
45204402	Stumpf, K. (1994) Aerobic Aquatic Metabolism of (carbon-14)-Labelled Glufosinate-ammonium in Two Water Sediment Systems at Different Application Rates: Lab Project Number: CB90/109: A53136. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 75 p.	09/05/2000	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
45204403	Singer, S. (2000) Aquatic Field Dissipation of Glufosinate-Ammonium Following Application of Liberty at Highest Recommended Label Rates for Rice in Louisiana and California-USA, 1997: Lab Project Number: BK-97R-09: B002515: BK97R009. Unpublished study prepared by Aventis CropScience. 11 p.	09/05/2000	No	06/29/2003	06/29/1993
45204404	Singer, S. (2000) Residues of Glufosinate-Ammonium in Crops and Soil Irrigated with Water Drained from Fields Treated with Liberty Herbicide in Louisiana and California, USA, 1997: Lab Project Number: BK-97R-11: BK97R011: B002516. Unpublished study prepared by Aventis CropScience. 311 p. {OPPTS 860.1400}	09/05/2000	No	06/29/2003	06/29/1993
45204405	Rupprecht, J. (2000) Metabolism of (carbon-14)-Glufosinate-Ammonium in Rice: Lab Project Number: 519BK: B002617: BK99E519. Unpublished study prepared by Aventis CropScience. 200 p. {OPPTS 860.1300}	09/05/2000	No	06/29/2003	06/29/1993
45204406	Brady, S. (2000) Magnitude of Glufosinate-Ammonium in or on Transgenic Rice Raw Agricultural Commodities Resulting from Two Applications of Liberty Herbicide USA, 1999: Lab Project Number: BK99R001: B002973: R04-01. Unpublished study prepared by Aventis CropScience. 255 p. {OPPTS 860.1500}	09/05/2000	No	06/29/2003	06/29/1993
45204407	Brady, S. (2000) Magnitude of Glufosinate-Ammonium in or on Transgenic Rice Raw Agricultural Commodities Resulting from Two Applications of Liberty Herbicide USA, 1998: Lab Project Number: BK98R002: B002652: XEN98-09. Unpublished study prepared by Aventis CropScience. 66 p. {OPPTS 860.1500}	09/05/2000	No	06/29/2003	06/29/1993
45204408	Brady, S. (2000) Magnitude of Glufosinate-Ammonium in or on Transgenic Rice Processed Commodities Resulting from Two Applications of Liberty Herbicide USA, 1999: Lab Project Number: BK99R002: B002989: R04-01. Unpublished study prepared by Aventis CropScience. 158 p. {OPPTS 860.1520}	09/05/2000	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
45204409	Phillips, J.; Theissen, R. (2000) Tier One Acute and Tier Two Chronic Dietary Exposure Analyses for Glufosinate-Ammonium Rice Petition Including Drinking Water Estimated Concentration (DWEC) Comparison to Drinking Water Level of Comparison (DWLOC): Lab Project Number: GLUFOSINATE-00-01: B002985. Unpublished study prepared by Aventis CropScience. 24 p.	09/05/2000	No	06/29/2003	06/29/1993
45215400	Aventis CropScience (1993) Submission of Environmental Fate Data in Support of the Registration of Liberty Herbicide and the Petition for Tolerance of Glufosinate-Ammonium in/on Rice. Transmittal of 1 Study.	09/01/2000	No	06/29/2003	06/29/1993
45215401	Stumpf, K. (1993) Hoe 039866-(carbon 14): Anaerobic Aquatic Metabolism of Glufosinate-Ammonium in a Sandy Water Sediment System at Two Temperatures: Lab Project Number: CB91/092. Unpublished study prepared by Hoechst Aktiengesellschaft. 56 p.	09/01/2000	No	06/29/2003	06/29/1993
45251400	Aventis Environmental Science (2000) Submission of Residue Data in Support of the Reregistration of the Glufosinate-Ammonium Containing Product Rely Formulation. Transmittal of 1 Study.	10/31/2000	No	06/29/2003	06/29/1993
45251401	Singer, S.; Jones, G.; Lochhass, C. (2000) Determination of Transferable Turf Residues on Turf Treated with Glufosinate-Ammonium 1LC Formulation (Rely): Lab Project Number: BK99R003. Unpublished study prepared by ABC Laboratories. 128 p.	10/31/2000	No	06/29/2003	06/29/1993
45297000	Aventis CropScience (2000) Submission of Toxicity Data in Support of the Registration of Rely Herbicide and the Petition for Tolerance of Glufosinate-Ammonium in/on Potatoes. Transmittal of 2 Studies.	01/05/2001	No	06/29/2003	06/29/1993
45297001	Rosner, E.; Knappe, C.; Krinke, A. (2000) Subacute Neurotoxicity Study in the Rat, Including Water Maze Test: Report: Tris (2-chloroethyl) Phosphate TCEP: Lab Project Number: 763031. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 220 p.	01/05/2001	No	06/29/2003	06/29/1993

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45297002	Allard, G.; Hamann, H.; Luetkemeier, H. et al. (1998) Positive Control Experiment: 4 Weeks Oral Toxicity (Gavage) Study with Tri-o-tolyl Phosphate (TOTP) in the Rat: Validation Study; Lab Project Number: 902676: B003105. Unpublished study prepared by RCC Ltd. 401 p.	01/05/2001	No	06/29/2003	06/29/1993
45600500	Aventis CropScience USA (2002) Submission of Reduced-Risk Data in Support of Glufosinate-Ammonium. Transmittal of 1 Study.	02/11/2002	No	06/29/2003	06/29/1993
45600501	Allen, R.; Cain, P.; Cunny, H. et al. (2000) Reduced-Risk Pesticide Rationale for Glufosinate-Ammonium: Lab Project Number: B003066. Unpublished Study prepared by Aventis CropScience. 222 p.	02/11/2002	No	06/29/2003	06/29/1993
45644900	Aventis CropScience (2002) Submission of Residue Data in Support of the Amended Registration of Rely Herbicide. Transmittal of 1 Study.	04/01/2002	No	06/29/2003	06/29/1993
45644901	Wyatt, D. (2002) At Harvest Glufosinate-Ammonium Derived Residues in Rotated Wheat Planted After Treatment of a Potato Crop with RELY Herbicide at the Maximum Proposed Rate and Minimum Proposed Rotational Interval, USA, 2000: Final Report: Lab Project Number: 00BK27920: B003783. Unpublished study prepared by Aventis CropScience. 118 p. {OPPTS 860.1500}	04/01/2002	No	06/29/2003	06/29/1993
45782200	Aventis CropScience (2002) Submission of Residue Data in Support of the Petitions for Tolerance of Glufosinate Ammonium on Sugar Beet, Canola and in or on Potatoes and the Registration of Liberty. Transmittal of 1 Study.	10/17/2002	No	06/29/2003	06/29/1993
45782201	Tauber, R. (2002) Frozen Storage Stability of AE F039866 (Glufosinate-Ammonium) and its Metabolites, AE F 099730 and AE F061517 in Tolerant Sugar Beet Processed Fractions (Pulp, Molasses, Refined Sugar): Lab Project Number: XEN01-05: 01BK31216: B003971. Unpublished study prepared by Xenos Laboratories, Inc. 112 p.	10/17/02	No	06/29/2003	06/29/1993

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45839900	Bayer CropScience (2003) Submission of Environmental Fate Data in Support of the Petitions for Tolerance of Glufosinate-Ammonium on Cotton and Glufosinate-Ammonium in/on Rice Commodities and the Amended Registrations of Ignite Technical and Liberty Herbicide. Transmittal of 1 Study.	01/16/2003	No	06/29/2003	06/29/1993
45839901	Dacus, S. (2003) Glufosinate-Ammonium Residues in Winter Wheat Grown in Glufosinate-Ammonium Treated Soil-- Addendum 1: Lab Project Number: BK95R009: BK95R009-A1: B004198. Unpublished study prepared by Bayer CropScience. 11 p. {OPPTS 860.1850}	01/16/2003	No	06/29/2003	06/29/1993
45922000	Bayer CropScience (2003) Submission of Use Data in Support of the Registrations of Glufosinate Technical, Liberty Herbicide, and Rely Herbicide. Transmittal of 1 Study.	05/01/2003	No	06/29/2003	06/29/1993
45922001	See, R. (2003) Percent Crop Treatment Estimates for Bayer CropScience End Products Containing Glufosinate-Ammonium: Lab Project Number: B004304. Unpublished study prepared by Bayer CropScience. 11 p.	05/01/2003	No	06/29/2003	06/29/1993
45922100	Bayer CropScience (2003) Submission of Exposure, Risk, Residue, and Toxicity Data in Support of the Amended Registrations of Glufosinate-Ammonium, Liberty Herbicide, and Rely Herbicide and the Petitions for Tolerance of Glufosinate-Ammonium on Cotton, in/on Rice Commodities and on Blueberry. Transmittal of 3 Studies.	05/01/2003	No	06/29/2003	06/29/1993
45922101	Fischer, R.; Cunny, H.; Lunchick, C.; et al. (2003) Revised Risk Assessments for Glufosinate-Ammonium Uses: Aggregate Dietary Exposure and Residential Spot Treatment: Lab Project Number: B004311. Unpublished study prepared by Bayer CropScience LP. 22 p.	05/01/2003	No	06/29/2003	06/29/1993
45922102	Sabbagh, G. (2003) Drinking Water (Surface Water) Exposure Assessment for Glufosinate-Ammonium Based on EPA-EFED Selected Environmental Fate Characteristics: Lab Project Number: 200600. Unpublished study prepared by Bayer CropScience. 15 p.	05/01/2003	No	06/29/2003	06/29/1993

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45922103	Burri, R. (1995) Dermal Absorption and Pharmacokinetic Study with (Carbon 14)-HOE 039866 in SL 18 Formulation on Various Organs/Tissues of Male Rats and Excretion Pattern of Radioactivity After Single Dermal Administration of the Test Article: Lab Project Number: 382252: A55012. Unpublished study prepared by RCC Umweltchemie Ag. 145 p.	05/01/2003	No	06/29/2003	06/29/1993
45923800	Bayer CropScience (2003) Submission of Exposure and Risk Data in Support of the Amended Registrations of Glufosinate-Ammonium, Liberty Herbicide, and Rely Herbicide and the Petitions for Tolerance of Glufosinate-Ammonium on Cotton, in/on Rice Commodities, and on Blueberry. Transmittal of 1 Study.	05/05/2003	No	06/29/2003	06/29/1993
45923801	Fischer, R.; Lunchick, C. (2003) Bayer CropScience Revised Short-Term Aggregate Risk Assessment for Glufosinate-Ammonium Uses: Lab Project Number: B004324. Unpublished study prepared by Bayer CropScience LP. 9 p.	05/05/2003	No	06/29/2003	06/29/1993
45938100	Bayer CropScience (2003) Submission of Use and Economic Data in Support of the Registrations of Glufosinate Ammonium Technical, Liberty Herbicide, and Rely Herbicide. Transmittal of 1 Study.	05/08/2003	No	06/29/2003	06/29/1993
45938101	See, R. (2003) Percent Crop Treatment Estimates for Bayer CropScience End Products Containing Glufosinate-Ammonium: Lab Project Number: B004304. Unpublished study prepared by Bayer CropScience. 11 p.	05/08/2003	No	06/29/2003	06/29/1993
46258600	Bayer CropScience (2004) Submission of Environmental Fate Data in Support of FIFRA 6(a)(2) Data Requirements for Glufosinate-Ammonium Technical, Liberty Herbicide, Liberty ATZ Herbicide, Remove Herbicide, Rely Herbicide and Finale Herbicide. Transmittal of 1 Study.	04/28/2004	No	06/29/2003	06/29/1993
46258601	Stupp, H. (2003) Degradation and Metabolism of Glufosinate Ammonium in Soil Under Anaerobic Conditions. Project Number: M1261285/5, MEF/367/03, C038925. Unpublished study prepared by Bayer Ag, Institute of Product Info. 62 p.	04/28/2004	No	06/29/2003	06/29/1993



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46279000	Bayer CropScience LP (2004) Submission of Toxicity Data in Support of the Application for Registration of Liberty 280 SL Herbicide. Transmittal of 6 Studies.	05/21/2004	No	06/29/2003	06/29/1993
46279002	Schungel, M. (2004) Acute Toxicity In the Rat After Oral Administration: (Glufosinate Ammonium). Project Number: T/0073884. Unpublished study prepared by Bayer Ag, Fachbereich Toxikologie and Bayer Corp. 28 p.	05/21/2004	No	06/29/2003	06/29/1993
46279003	Schungel, M. (2004) Acute Toxicity In the Rat After Dermal Application: (Glufosinate Ammonium). Project Number: T/1073885. Unpublished study prepared by Bayer Ag Inst. of Toxicology and Bayer Corp. 37 p.	05/21/2004	No	06/29/2003	06/29/1993
46279004	Pauluhn, J. (2004) Study on Acute Inhalation Toxicity in Rats According to OECD No 403: (Glufosinate Ammonium). Project Number: T9073874. Unpublished study prepared by Bayer Ag Inst. of Toxicology and Bayer Corp. 89 p.	05/21/2004	No	06/29/2003	06/29/1993
46279005	Schungel, M. (2004) Acute Eye Irritation/Corrosion on Rabbits: (Glufosinate Ammonium). Project Number: T4073761. Unpublished study prepared by Bayer Ag Inst. of Toxicology and Bayer Corp. 23 p.	05/21/2004	No	06/29/2003	06/29/1993
46279006	Schungel, M. (2004) Acute Skin Irritation/Corrosion on Rabbits: (Glufosinate Ammonium). Project Number: T3073760. Unpublished study prepared by Bayer Ag Inst. of Toxicology and Bayer Corp. 22 p.	05/21/2004	No	06/29/2003	06/29/1993
46279007	Vohr, H. (2004) Study for the Skin Sensitization Effect in Guinea Pigs: (Glufosinate Ammonium). Project Number: T/1073047. Unpublished study prepared by Bayer Ag Inst. of Toxicology and Bayer Corp. 29 p.	05/21/2004	No	06/29/2003	06/29/1993
46290400	Bayer CropScience (2004) Submission of Product Chemistry Data in Support of the Application for Registration of Liberty 280 SL Herbicide. Transmittal of 1 Study.	06/09/2004	No	06/29/2003	06/29/1993
46290401	Mitchell, H. (2004) Product Chemistry of Liberty 280 SL Herbicide. Project Number: ANR/06904, CM/118A, 0000000001992. Unpublished study prepared by Bayer Corp. 46 p.	06/09/2004	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46421200	Bayer CropScience (2004) Submission of Product Chemistry Data in Support of the Reregistration of Liberty ATZ. Transmittal of 1 Study.	12/08/2004	No	06/29/2003	06/29/1993
46421201	Zhao, Z. (1999) Glufosinate Ammonium 120 g/l and Atrazine 400 g/l SC, Determination of Storage Stability and Corrosion Characteristics. Project Number: 424, C002427, Unpublished study prepared by Agrevo Environmental Health. 39 p.	12/08/2004	No	06/29/2003	06/29/1993
46455700	Bayer CropScience LP (2005) Submission of Toxicity Data in Support of the Registration of Glufosinate Ammonium MUP, Glufosinate Ammonium Technical Herbicide, Liberty Herbicide, Rely Herbicide, Remove Herbicide, Liberty ATZ Herbicide and the Application for Registration of Liberty 280 SL Herbicide. Transmittal of 1 Study.	01/26/2005	No	06/29/2003	06/29/1993
46455701	Nemec, M. (2004) A Dietary Developmental Neurotoxicity Study of Glufosinate-Ammonium in Rats: Final Report. Project Number: WIL/21202, B004853, WIL/21202A. Unpublished study prepared by WIL Research Laboratories, Inc. 2206 p.	01/26/2005	No	06/29/2003	06/29/1993
46532700	Bayer CropScience (2005) Submission of Product Chemistry Data in Support of the Reregistration of the Atrazine Containing Product Liberty ATZ. Transmittal of 1 Study.	04/25/2005	No	06/29/2003	06/29/1993
46532701	Frank, J. (2005) Product Chemistry of Liberty ATZ Herbicide. Project Number: B004950, BR/2391. Unpublished study prepared by Bayer CropScience LP. 202 p.	04/25/2005	No	06/29/2003	06/29/1993
46573700	Bayer CropScience LP (2005) Submission of Residue, Exposure and Risk Data in Support of the Amended Registration of Glufosinate Ammonium MUP, Glufosinate Ammonium Technical Herbicide, Liberty 280 SL Herbicide and Liberty Herbicide. Transmittal of 2 Studies.	06/13/2005	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46573701	Lemke, V. (2005) Liberty 1.67 SL - Magnitude of the Residue in Field Rotational Crops -Wheat, Mustard Greens, and Turnips (Addendum 1 - Corrections to Original Report). Project Number: RAGLX002/01H, RAGLX002/02H, RAGLX002/03H. Unpublished study prepared by Bayer Corp., Enviro-Test Laboratories and Aventis CropScience. 296 p.	06/13/2005	No	06/29/2003	06/29/1993
46573702	Bloomberg, A. (2005) Tier 3 Acute and Chronic Dietary Exposure Assessments for Glufosate-Ammonium. Project Number: B004368. Unpublished study prepared by Bayer CropScience LP. 121 p.	06/13/2005	No	06/29/2003	06/29/1993
46755100	Bayer CropScience (2006) Submission of Exposure, Risk and Toxicity Data in Support of the Registrations of Glufosinate Ammonium Technical Herbicide, Glufosinate Ammonium MUP, Liberty Herbicide, Liberty 280 SL Herbicide, Rely Herbicide and Remove Herbicide. Transmittal of 4 Studies.	02/08/2006	No	06/29/2003	06/29/1993
46755101	Cunny, H.; Blacker, A. (2006) Waiver Request for Measurement of Glutamine Synthetase. Project Number: GS/12/05. Unpublished study prepared by Bayer CropScience LP. 14 p.	02/08/2006	No	06/29/2003	06/29/1993
46755102	Cunny, H. (2005) Glufosinate-Ammonium: Waiver Request for Additional Data Regarding the Acute Neurotoxicity Study. Project Number: HC122005. Unpublished study prepared by Bayer CropScience LP. 9 p.	02/08/2006	No	06/29/2003	06/29/1993
46755103	Cunny, H. (2006) Waiver Request for Additional Data to Confirm that Liver and Kidney Changes Observed in the Absence of Histopathological Changes are an Adaptive Response and Not an Adverse Effect: Glufosinate Ammonium. Project Number: LI/KD/16/01/2006. Unpublished study prepared by Bayer CropScience LP. 23 p.	02/08/2006	No	06/29/2003	06/29/1993
46755104	Lunchick, C.; Ramanarayanan, T.; Cunny, H. (2006) Glufosinate Ammonium: Waiver Request for the 28-Day Inhalation Study. Project Number: CLMS/0206. Unpublished study prepared by Bayer CropScience LP. 23 p.	02/08/2006	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47035700	Bayer CropScience LP (2007) Submission of Residue Data in Support of the Registrations of Rely Herbicide, Glufosinate Ammonium Technical Herbicide and Liberty Herbicide. Transmittal of 1 Study.	01/23/2007	No	06/29/2003	06/29/1993
47035701	Leonard, R. (2006) Glufosinate: Magnitude of the Residue on Blueberry. Project Number: A5291, A5291/02/BER02, A5291/02/MI06. Unpublished study prepared by IR-4 North Central Analytical Lab, Washington State University and U.S. Dept. of Agriculture. 153 p.	01/23/2007	No	06/29/2003	06/29/1993
47058100	Bayer CropScience LP. (2007) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Glufosinate. Transmittal of 1 Study.	02/20/2007	No	06/29/2003	06/29/1993
47058101	Blair, J. (2007) Glufosinate Toxicity Study by Inhalation Administration to CD Rats for 4 Weeks. Project Number: BAG/0408, BAG 0408/063551. Unpublished study prepared by Huntingdon Life Sciences Ltd. 180 p. Relates to L0001111.	02/20/2007	No	06/29/2003	06/29/1993
47132100	Bayer CropScience (2007) Submission of Residue Data in Support of the FIFRA 6(a)(2) Data Requirements for Glufosinate. Transmittal of 1 Study.	05/17/2007	No	06/29/2003	06/29/1993
47132101	Sur, R. (2007) Metabolism of [3,4-Butanoic Acid-Carbon 14] Glufosinate-Ammonium in confined rotational crops. Project Number: M1301440/3, MEF/05/508, 91/414/EEC. Unpublished study prepared by Bayer Ag, Institute of Product Info. & Residue Anal. 136 p.	05/17/2007	No	06/29/2003	06/29/1993
47381900	Bayer CropScience LP (2008) Submission of Environmental Fate Data in Support of the Registrations of Ignite Technical, Liberty Herbicide, Liberty 280 Herbicide, and Rely Herbicide. Transmittal of 1 Study.	03/25/2008	No	06/29/2003	06/29/1993
47381901	Chalmers, A.; Sabbagh, G. (2007) Evaluation of Potential Drift Effects of Ignite Herbicide. Project Number: M/299008/01/1. Unpublished study prepared by Bayer CropScience LP. 6 p.	03/25/2008	No	06/29/2003	06/29/1993

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47542600	Bayer CropScience LP (2008) Submission of Residue, Exposure and Risk and Toxicity Data in Support of the Reregistration of the Glufosinate-ammonium Containing Products Glufosinate-ammonium Technical Herbicide, Liberty (Ignite) Herbicide, Liberty 280 (Ignite 280) Herbicide and Rely Herbicide. Transmittal of 12 Studies.	09/17/2008	No	06/29/2003	06/29/1993
47542601	Belcher, T. (1996) Soil Dissipation of Glufosinate Applied to Soil in Grapes in the San Joaquin Valley of California. Project Number: 93/0031, 93331, 11/9402. Unpublished study prepared by ABC Laboratories, Inc. and Minnesota Valley Testing Labs. 931 p.	09/17/2008	No	06/29/2003	06/29/1993
47542602	Christ, M.; Abedi, J. (2002) Effect on Vegetative Vigor of Non-Target Terrestrial Plants (Tier II) Glufosinate-Ammonium: WaterSoluble Concentrate (13.9 percent w/w). Project Number: 01BK25801. Unpublished study prepared by Aventis CropScience. 95 p.	09/17/2008	No	06/29/2003	06/29/1993
47542603	Sowig, P.; Gosch, H. (2001) Algal Growth Inhibition -Navicula pelliculosa: Glufosinate-ammonium substance, technical. Project Number: CE99/111. Unpublished study prepared by Aventis Crop Science. 42 p.	09/17/2008	No	06/29/2003	06/29/1993
47542604	Heusel, R. (1994) Effect to Scenedesmus subspicatus (Green alga) in a Growth Inhibition Test (method OECD): Glufosinate-ammonium; Substance, technical (Hoe 039866 00 ZD96 0001). Project Number: CE93/064. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 44 p.	09/17/2008	No	06/29/2003	06/29/1993
47542605	Sowig, P.; Weller, O. (2000) Duckweed (Lemna gibba G3) Growth Inhibition Test Glufosinate-ammonium; Watersoluble concentrate; 200 g/L. Project Number: CE00/035. Unpublished study prepared by Aventis Crop Science. 41 p.	09/17/2008	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47542606	Sochor, H.; Trnka, M.; Werner, H. (1998) Analytical Method and its Validation for the Determination of AE F039866 and its Metabolites AE F061517 and AE F064619 in Soil and Water. Project Number: CR97/029, DGM/F09/97/0. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 47 p.	09/17/2008	No	06/29/2003	06/29/1993
47542607	Werner, H. (2000) Validation of the Analytical Method DGM F09/97-0 for the Determination of AE F039866 and its Metabolites AE F061517 and AE F064619 in Surface Water. Project Number: CR99/031, DGM/F09/97/0. Unpublished study prepared by Aventis CropScience. 39 p.	09/17/2008	No	06/29/2003	06/29/1993
47542608	Kley, C.; Schafer, D. (2001) Residues in Transgenic Sugar Beet after Treatment with Glufosinate-ammonium Water Soluble Concentrate: Initial Residues and their Dissipation. Project Number: OE01/034, M/201497/01/2. Unpublished study prepared by Aventis CropScience. 21 p.	09/17/2008	No	06/29/2003	06/29/1993
47542609	Kley, C.; Schafer, D. (2001) Residues in Transgenic Oilseed Rape after Treatment with Glufosinate-ammonium Water Soluble Concentrate: Initial Residues and their Dissipation. Project Number: OE01/033, M/201495/01/2. Unpublished study prepared by Aventis CropScience. 19 p.	09/17/2008	No	06/29/2003	06/29/1993
47542610	Kley, C.; Schafer, D. (2001) Residues in Transgenic Maize after Treatment with Glufosinate-ammonium water Soluble Concentrate: Initial Residues and their Dissipation. Project Number: OE01/032, M/201493/01/2. Unpublished study prepared by Aventis CropScience. 22 p.	09/17/2008	No	06/29/2003	06/29/1993
47542611	de Snoo, G.; Tamis, W.; van de Brink, P. (2004) Non Target Plant Field Study: Effects of Glufosinate-ammonium on off Crop Vegetation Code: AE F039866 00 SL18 G2. Project Number: CO45860. Unpublished study prepared by Institute of Environmental Sciences Leiden University. 177 p.	09/17/2008	No	06/29/2003	06/29/1993



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47542612	Bloomberg, A. (2008) Tier 3 Acute and Chronic Dietary Exposure Assessments for Glufosinate-Ammonium. Project Number: G201891. Unpublished study prepared by Bayer Cropscience LP. 131 p.	09/17/2008	No	06/29/2003	06/29/1993
47619700	Bayer Cropscience (2008) Submission of Product Chemistry Data in Support of Registrations of Ignite Manufacturing-Use Product and Liberty 280 SL Herbicide. Transmittal of 7 Studies.	12/09/2008	No	06/29/2003	06/29/1993
47619701	Sirges, W. (2008) Glufosinate-Ammonium Technical Material: Manufacturing Process: Description of Materials Used to Produce the Product and Description of Production Process. Project Number: M/301593/01/1, 19/05/2008, H3880. Unpublished study prepared by Bayer CropScience AG. 170 p.	12/09/2008	No	06/29/2003	06/29/1993
47619702	Haack, K. (2008) Glufosinate-Ammonium Technical Material: Discussion of the Formation of Impurities. Project Number: M/301602/01/1. Unpublished study prepared by Bayer CropScience AG. 9 p.	12/09/2008	No	06/29/2003	06/29/1993
47619703	Doller, U.; Klockner, C. (2008) Material Accountability of AE F039866 Glufosinate-Ammonium: Analytical Profile of Production Batches. Project Number: PA08/026, M/301850/01/1. Unpublished study prepared by Bayer Cropscience AG. 55 p.	12/09/2008	No	06/29/2003	06/29/1993
47619704	Doller, U.; Klockner, C. (2008) Determination of AE F039866 (Glufosinate-ammonium) in Technical Concentrate, Technical Grade and Pure Active Substance by High Performance Liquid Chromatography (HPLC): Analytical Method. Project Number: AE/F039866, AM020708FP1, M/300990/02/1. Unpublished study prepared by Bayer Cropscience AG. 9 p.	12/09/2008	No	06/29/2003	06/29/1993



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47619705	Doller, U.; Klockner, C. (2008) Validation of HPLC-Method AM020708FP1: Determination of AE F039866 (Glufosinate-Ammonium) in Technical Concentrate, Technical Grade and Pure Active Substance by High Performance Liquid Chromatography (HPLC). Project Number: AE/F039866, AF/08/032, M/301676/01/1. Unpublished study prepared by Bayer Cropscience AG. 17 p.	12/09/2008	No	06/29/2003	06/29/1993
47619706	See, M. (2008) Product Chemistry of Glufosinate-Ammonium. Project Number: G201965, AE/F039866, AM019408FP1. Unpublished study prepared by Bayer Cropscience. 134 p.	12/09/2008	No	06/29/2003	06/29/1993
47619707	Fontaine, L. (2008) Product Chemistry of Ignite Manufacturing-Use Product. Project Number: BR/2666, ANR/03408. Unpublished study prepared by Bayer Cropscience. 10 p.	12/09/2008	No	06/29/2003	06/29/1993
47828200	IR-4 Project (2009) Submission of Residue Data in Support of the Petition for Tolerance of Glufosinate-Ammonium, 2-Acetamido-4-Methylphosphinico-Butanoic Acid and 3-Methylphosphinico-Propionic Acid for Use on Sweet Corn. Transmittal of 3 Studies.	08/10/2009	No	06/29/2003	06/29/1993
47828201	Arsenovic, M.; Kunkel, D. (2008) Glufosinate: Magnitude of the Residue on Sweet Corn: Amended Report. Project Number: 06515, 06515/97/DEL08, 06515/97/MI23. Unpublished study prepared by Interregional Research Project No. 4, Del Monte Research Center and Michigan State University. 475 p.	08/10/2009	No	06/29/2003	06/29/1993
47828202	Arsenovic, M.; Kunkel, D. (2008) Glufosinate: Magnitude of the Residue on Corn (Sweet): Amended Report. Project Number: 06953, 06953/99/DEL03, 06953/99/NY12. Unpublished study prepared by Interregional Research Project No. 4, Del Monte Research Center and Cornell University. 454 p.	08/10/2009	No	06/29/2003	06/29/1993

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47828203	Arsenovic, M. (2008) Glufosinate-Ammonium: Laboratory Method Validation on Sweet Corn: Amended Report. Project Number: A6515, 06515/CC/DEL02. Unpublished study prepared by Interregional Research Project No. 4 and Del Monte Research Center 98 p.	08/10/2009	No	06/29/2003	06/29/1993
47915700	Bayer CropScience LP (2009) Submission of Residue Data in Support of the Petition for Tolerance of Glufosinate-Ammonium for Use on Citrus, Pome Fruit, Stone Fruit and Olives. Transmittal of 8 Studies.	12/01/2009	No	06/29/2003	06/29/1993
47915701	Netzband, D. (2009) Rely 200 - Magnitude of the Residue in/on Citrus (Crop Group 10). Project Number: M/353786/01/1, RAGLP024. Unpublished study prepared by Bayer CropScience. 222 p.	12/01/2009	No	06/29/2003	06/29/1993
47915702	Miller, A. (2009) RELY 200 SL - Magnitude of the Residue in/on Pear. Project Number: M/352430/01/1, RAGLP027, GL038/08HA. Unpublished study prepared by Bayer CropScience. 104 p.	12/01/2009	No	06/29/2003	06/29/1993
47915703	Murphy, I. (2009) Rely 200 -Magnitude of the Residue in/on Stone Fruit. Project Number: M/353099/01/1, RAGLP026, GL026/08HA. Unpublished study prepared by Bayer CropScience. 162 p.	12/01/2009	No	06/29/2003	06/29/1993
47915704	Lenz, C.; Beedle, E. (2009) Rely 200 - Magnitude of the Residue in/on Olive. Project Number: M/353666/01/1, RAGLP028, GL/001/P07/01. Unpublished study prepared by Bayer CropScience. 82 p.	12/01/2009	No	06/29/2003	06/29/1993
47915705	Samoil, K. (2009) Glufosinate; Magnitude of the Residue on Peach. Project Number: M/358312/01/1, 08720, 08720/07/BER07. Unpublished study prepared by Interregional Research Project No. 4, and ACSL, ARS, USDA, PSI and University of California Kearney Agricultural Center. 253 p.	12/01/2009	No	06/29/2003	06/29/1993

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47915706	Lenz, C. (2009) Rely 200 -Magnitude of the Residue in/on Orange Processed Commodities. Project Number: M/353259/01/1, RAGLP023, GL/001/P07/01. Unpublished study prepared by Bayer CropScience and University of Idaho, Cooperative Extension. 100 p.	12/01/2009	No	06/29/2003	06/29/1993
47915707	Murphy, I. (2009) Rely 200 -Magnitude of the Residue in/on Plum Processed Commodities. Project Number: M/351071/01/1, RAGLP025, GLP/001/P07/01. Unpublished study prepared by Bayer CropScience and GLP Technologies. 108 p.	12/01/2009	No	06/29/2003	06/29/1993
47915708	Lenz, C. (2009) Rely 200 -Magnitude of the Residue in/on Olive Processed Commodities. Project Number: M/352092/01/1, RAGLP029, GLP/001/P07/01. Unpublished study prepared by Bayer CropScience and GLP Technologies. 96 p.	12/01/2009	No	06/29/2003	06/29/1993
48176700	Bayer CropScience LP (2010) Submission of Product Chemistry Data in Support of the Reregistrations of the Glufosinate Containing Products Glufosinate-Ammonium Technical, Glufosinate-Ammonium 50 MUP, Liberty 280 SL Herbicide, Liberty Herbicide, Finale Herbicide, Rely Herbicide, Remove Herbicide, and Liberty ATZ Herbicide. Transmittal of 1 Study.	05/25/2010	No	06/29/2003	06/29/1993
48176701	Bogdoll, B. (2001) Spectral Data (UV / VIS, IR, (Hydrogen 1)-NMR, (Carbon 13)-NMR, (Phosphorus 31)-NMR, MS) and Molar Extinction Coefficient. Project Number: PA00/028, M/200356/01/1, C011181. Unpublished study prepared by Aventis Crop Science. 26 p.	05/25/2010	No	06/29/2003	06/29/1993

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48201500	Bayer CropScience, LP and Interregional Research Project No. 4 (2010) Submission of Residue and Product Chemistry Data in Support of the Registrations of Glufosinate-Ammonium Technical Herbicide, Liberty Herbicide, Ignite and Rely 280 SL Herbicide, and Liberty 280 SL Herbicide and the Petition for Tolerance of Glufosinate. Transmittal of 2 Studies.	08/23/2010	No	06/29/2003	06/29/1993
48201501	Murphy, I.; Roberts, G. (2007) An Analytical Method for the Determination of Residues of Glufosinate in Crop Matrices Using LC/MS/MS. Project Number: GL/001/P07/01. Unpublished study prepared by Bayer CropScience. 9 p.	08/23/2010	No	06/29/2003	06/29/1993
48201502	Meikle, S.; Williamson, D. (1991) Storage Stability of Glufosinate-Ammonium (HOE 039866) and HOE 061517 in or on Frozen Citrus and Kiwi. Project Number: 56/HOE/91063, A46904. Unpublished study prepared by Orius Associates, Inc., En-Cas Analytical Laboratories and Hoechst Aktiengesellschaft. 117 p.	08/23/2010	No	06/29/2003	06/29/1993
48205500	Bayer CropScience (2010) Submission of Residue Data in Support of the Amended Registration of Ignite Herbicide (Liberty 280 SL Herbicide). Transmittal of 1 Study.	09/02/2010	No	06/29/2003	06/29/1993
48205501	Fischer, D. (2010) Ignite 280 SL - Magnitude of the Residue in/on Soybean. Project Number: M/388245/01/1, RAGLP034. Unpublished study prepared by Bayer CropScience. 235 p.	09/02/2010	No	06/29/2003	06/29/1993
48301100	Bayer CropScience LP (2010) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Ignite Technical. Transmittal of 6 Studies.	12/06/2010	No	06/29/2003	06/29/1993

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48301101	Fischer, R. (2010) The Effect of Glufosinate-Ammonium -Soluble Concentrate 200 g/L (Identification Code: Hoe 039866 00 SL18 A512) to Daphnia magna (Waterflea) in a Life-Cycle (21-Day Renewal) Chronic Toxicity Test (Method EPA). Project Number: M/123790/01/2, CE89/027, A60888/OCR. Unpublished study prepared by Hoechst AG. 103 p.	12/06/2010	No	06/29/2003	06/29/1993
48301102	Bruns, E. (2009) Effects on Growth and Reproduction of Daphnia magna AE C527855; Tech. Concentrate; 50 Percent (Disodium Salt of AE F061517 Metabolite of Glufosinate-Ammonium [AE F039866]). Project Number: M/345929/01/2, EBGLX011, E/321/3079/5/OCR. Unpublished study prepared by Bayer CropScience. 85 p.	12/06/2010	No	06/29/2003	06/29/1993
48301103	Sowig, P.; Weller, O.; Gosch, H. (2000) Effects on Growth and Reproduction of Daphnia magna AE C527855 (Disodium Salt of AE F061517 Metabolite of Glufosinate-Ammonium AE F039866) Technical Concentrate 50%. Project Number: M/187315/02/2, CE99/017, C004090/OCR. Unpublished study prepared by Aventis CropScience. 73 p.	12/06/2010	No	06/29/2003	06/29/1993
48301104	Sowig, P.; Weller, O.; Gosch, H. (1999) Effects on Juvenile Growth of Rainbow Trout (Oncorhynchus mykiss) in a 28 Days Flow-Through Study AE C527855; Technical Concentrate; 50 Percent (Disodium Salt of AE F061517 (Metabolite of Glufosinate-Ammonium AE F039866)). Project Number: M/186862/01/2, CE99/018, C003836/OCR. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 43 p.	12/06/2010	No	06/29/2003	06/29/1993
48301105	Fischer, R. (1989) The Effect of Glufosinate-Ammonium -Substance, Technical (Identification Code: Hoe 039866 00 ZC99 0001) to Salmo gairdneri (Rainbow Trout) in a 21-Day Prolonged Toxicity Test (Method OECD). Project Number: M/123788/01/2, CE89/030, A60887/OCR. Unpublished study prepared by Hoechst AG. 39 p.	12/06/2010	No	06/29/2003	06/29/1993

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48301106	Sowig, P.; Gosch, H. (2001) Effects on Juvenile Growth of <i>Oncorhynchus mykiss</i> (Rainbow Trout) in a 28 Days Flow-Through Study Glufosinate-Ammonium Water soluble Concentrate 150 g/L Code: AE F039866 00 SL14 A117. Project Number: M/202046/01/2, CE00/049, C012078/OCR. Unpublished study prepared by Aventis Crop Science. 54 p.	12/06/2010	No	06/29/2003	06/29/1993
48394100	Bayer CropScience LP and Interregional Research Project No. 4 (2011) Submission of Environmental Fate Data in Support of the Registrations of Glufosinate-Ammonium Technical Herbicide, Liberty Herbicide, Ignite 280 SL Herbicide and Ignite Manufacturing-Use Product and the Petition for Tolerance of Glufosinate for Use in Rice. Transmittal of 2 Studies.	02/15/2011	No	06/29/2003	06/29/1993
48394101	Sabbagh, G.; Desmarteau, D. (2011) Drinking Water Exposure Assessment for Glufosinate Uses on Rice. Project Number: US0144, M/400595/01/1. Unpublished study prepared by Bayer CropScience LP. 29 p.	02/15/2011	No	06/29/2003	06/29/1993
48394102	Dyer, D.; Netzbund, D. (2011) Bayer CropScience Response to EPA Data Evaluation Record for 'Aquatic Field Dissipation of Glufosinate-Ammonium following Application of LIBERTY at Highest Recommended Label Rates for Rice in Louisiana and California -USA, 1997'. Project Number: US0147, M/401125/01/1. Unpublished study prepared by Bayer CropScience LP. 99 p.	02/15/2011	No	06/29/2003	06/29/1993
48444800	Bayer CropScience (2011) Submission of Toxicity Data in Support of the Reregistration of the Glufosinate Containing Products Glufosinate-Ammonium Technical, Glufosinate-Ammonium 50 MUP, Liberty 280 SL Herbicide, Liberty Herbicide, Finale Herbicide, Rely Herbicide, Remove Herbicide and Liberty ATZ Herbicide. Transmittal of 17 Studies.	04/07/2011	No	06/29/2003	06/29/1993



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48444801	Fischer, R. (1987) The Effect of Hoe 061517 -Substance, Technical (Identification Code: Hoe 061517 OQ ZC99 0003) to Daphnia magna (Waterflea) in a Static-Acute Toxicity Test (Method EPA). Project Number: DM651/A, M/118700/01/2, OEK87/132K. Unpublished study prepared by Hoechst AG. 25 p.	04/07/2011	No	06/29/2003	06/29/1993
48444802	Heusel, R. (1993) 2-Methylphosphinico-Acetic Acid: Substance, Technical (Hoe 064619 00 ZC98 0001) Effect to Daphnia magna (Waterflea) in a Static-Acute Toxicity Test (Method OECD). Project Number: A50470, CE92/071, M/131487/01/2. Unpublished study prepared by Hoechst AG. 35 p.	04/07/2011	No	06/29/2003	06/29/1993
48444803	Sowig, P.; Gosch, H. (2001) Acute Toxicity to Daphnia magna (Waterflea): AE F084658; Substance, Technical (Dinatrium Salt of AE F130947; Metabolite of Glufosinate-Ammonium AE F039866). Project Number: CE97/155, M/198827/01/2, C010331. Unpublished study prepared by Aventis Crop Science. 31 p.	04/07/2011	No	06/29/2003	06/29/1993
48444804	Heusel, R. (1996) Hoe 099730 - Substance, Technical Code: Hoe 099730 00 ZC92 0001 Effect to Daphnia magna (Waterflea) in a Static-Acute Toxicity Test (Method OECD). Project Number: CE94/014, M/140265/01/2, A56452. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 35 p.	04/07/2011	No	06/29/2003	06/29/1993
48444805	Fischer, R. (1987) The Effect of Hoe 061517 -Substance, Technical (Identification Code: Hoe 061517 OQ ZC99 0003) to Salmo gairdneri (Rainbow Trout) in a Static-Acute Toxicity Test (Method EPA). Project Number: SG375/D, M/118857/01/2, A37095. Unpublished study prepared by Hoechst AG. 23 p.	04/07/2011	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
48444806	Heusel, R. (1997) Disodium Methylphosphinato-Acetate; Substance, Technical (Metabolite of Glufosinate Ammonium) Code: AE F159481 00 1C99 0001: Acute Toxicity to Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). Project Number: CE96/129, M/143258/01/2, A59587. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 34 p.	04/07/2011	No	06/29/2003	06/29/1993
48444807	Heusel, R. (1996) Hoe 099730: Effect to <i>Oncorhynchus mykiss</i> (Rainbow Trout) in a 96 Hours Static Acute Toxicity Test. Project Number: CE94/013, M/140141/01/2, A56314. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 36 p.	04/07/2011	No	06/29/2003	06/29/1993
48444808	Sowig, P.; Gosch, H. (2001) Acute Toxicity to <i>Oncorhynchus mykiss</i> (Rainbow Trout): AE F084658; Substance Technical (Disodium Salt of AE F130947, Metabolite of Glufosinate-Ammonium AE F039866). Project Number: CE97/154, M/198723/01/2, C010272. Unpublished study prepared by Aventis Crop Science. 29 p.	04/07/2011	No	06/29/2003	06/29/1993
48444809	Schnurstein, A. (2003) Bobwhite Quail Dietary Reproduction Study: Glufosinate Ammonium. Project Number: PT03/0091, EBGLX005/NG/38475/, M/222222/01/2. Unpublished study prepared by Aventis Pharma Deutschland GmbH. 155 p.	04/07/2011	No	06/29/2003	06/29/1993
48444810	Fischer, R. (1988) The Effect of Hoe 061517 -Substance, Technical (Identification Code: Hoe 061517 OQ ZC99 0005) to <i>Scenedesmus subspicatus</i> CHODAT (Green Alga) in a Growth Inhibition Test (Method OECD). Project Number: SS66, M/120498/01/2, A38892. Unpublished study prepared by Hoechst AG. 26 p.	04/07/2011	No	06/29/2003	06/29/1993
48444811	Heusel, R. (1993) 2-Methylphosphinico-Acetic Acid: Effect to <i>Scenedesmus subspicatus</i> (Green Alga) in a Growth Inhibition Test (Method OECD). Project Number: M/138848/01/2, CE92/072, A49823. Unpublished study prepared by Hoechst AG. 44 p.	04/07/2011	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48444812	Sowig, P.; Gosch, H. (2000) AE F084658 (Dinatrium Salt of AE F130947; Metabolite of Glufosinate-Ammonium AE F039866): Algal Growth Inhibition - <i>Pseudokirchneriella subcapitata</i> . Project Number: C010219, CE97/153, M/198620/01/2. Unpublished study prepared by Aventis Crop Science. 37 p.	04/07/2011	No	06/29/2003	06/29/1993
48444813	Heusel, R. (1996) Hoe 099730: Effect to <i>Scenedesmus subspicatus</i> (Green Alga) in a Growth Inhibition Test (Method OECD). Project Number: CE94/015, M/140266/01/2, A56453. Unpublished study prepared by Hoechst Schering Agrevo GmbH. 47 p.	04/07/2011	No	06/29/2003	06/29/1993
48444814	Sowig, P.; Weller, O. (2000) AE C527855, Technical Concentrate (Metabolite of Glufosinate-Ammonium AE F039866): Duckweed ( <i>Lemna gibba</i> G3) Growth Inhibition Test. Project Number: M/186947/01/2, CE99/019, C003882. Unpublished study prepared by Aventis Crop Science GmbH. 41 p.	04/07/2011	No	06/29/2003	06/29/1993
48444815	Sowig, P.; Weller, O. (2001) AE F159481 (Metabolite of AE F039866): Duckweed ( <i>Lemna gibba</i> G3) Growth Inhibition Test. Project Number: CE99/046, M/192679/01/2, C005805. Unpublished study prepared by Aventis Crop Science. 40 p.	04/07/2011	No	06/29/2003	06/29/1993
48444816	Banman, C.; Howerton, J.; Lam, C. (2011) Toxicity of Glufosinate-Ammonium to the Blue Green Algae <i>Anabaena flos-aquae</i> . Project Number: EBGLP004. Unpublished study prepared by Bayer CropScience. 57 p.	04/07/2011	No	06/29/2003	06/29/1993
48444817	Banman, C.; Howerton, J.; Lam, C. (2011) Toxicity of Glufosinate-Ammonium to the Saltwater Diatom <i>Skeletonema costatum</i> . Project Number: EBGLP005. Unpublished study prepared by Bayer CropScience. 57 p.	04/07/2011	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48491100	Bayer CropScience LP (2011) Submission of Toxicity Data in Support of the Registration Review of the Glufosinate Containing Products Glufosinate-Ammonium Technical, Glufosinate-Ammonium 50 MUP, Liberty 280 SL Herbicide, Liberty Herbicide, Finale Herbicide, Rely Herbicide, Remove Herbicide and Liberty ATZ Herbicide. Transmittal of 1 Study.	05/25/2011	No	06/29/2003	06/29/1993
48491101	Kennel, P. (2011) Glufosinate-Ammonium (AE F039866): 28-Day Immunotoxicity Study in the Male Rat by Dietary Administration. Project Number: SA/10180, M/406258/01/1, LYNX/PSI/N/TXGLL016. Unpublished study prepared by Bayer CropScience. 193 p.	05/25/2011	No	06/29/2003	06/29/1993
48531300	Bayer CropScience LP (2011) Submission of Fate Data in Support of the Registration Reviews of the Glufosinate Containing Products Glufosinate-Ammonium Technical, Glufosinate-Ammonium 50 MUP, Liberty 280 SL Herbicide, Liberty Herbicide, Finale Herbicide, Rely Herbicide, Remove Herbicide, Liberty ATZ Herbicide. Transmittal of 1 Study.	07/08/2011	No	06/29/2003	06/29/1993
48531301	Bach, F. (2011) Ignite 280: Effects on the Seedling Emergence and Growth of Ten Species of Non-Target Terrestrial Plants (Tier 2). Project Number: SE11/033, EBGLP003, M/408680/01/1. Unpublished study prepared by Bayer CropScience GmbH. 323 p.	07/08/2011	No	06/29/2003	06/29/1993
48718500	Bayer CropScience LP (2012) Submission of Fate Data in Support of the Registration Review of the Glufosinate Containing Product Glufosinate-Ammonium Technical, Glufosinate-Ammonium 50 MUP, Liberty 280 SL Herbicide, Liberty Herbicide, Finale Herbicide, Rely Herbicide, Remove Herbicide and Liberty ATZ Herbicide. Transmittal of 1 Study.	01/17/2012	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48718501	Bach, F. (2011) Ignite 280: Effects on the Seedling Emergence and Growth of Lettuce (Tier 2). Project Number: SE11/032, EBGLP003, M/420106/01/2. Unpublished study prepared by Bayer CropScience GmbH. 78p.	01/17/2012	No	06/29/2003	06/29/1993
48738900	Bayer CropScience LP (2012) Submission of Toxicity Data in Support of the Registrations of Glufosinate-Ammonium Manufacturing-Use Product, Ignite Technical and Liberty 280 SL Herbicide and the Petition for Tolerance of Glufosinate for Use in/on Citrus Crop Group 10, Pome Fruit Crop Group 11, Stone Fruit Crop Group 12 and Olives. Transmittal of 2 Studies.	02/10/2012	No	06/29/2003	06/29/1993
48738901	Ebert, E.; Leist, K.; Mayer, D.; et al. (2012) Hoe 061517 -Active Ingredient Technical Testing for Subacute Oral Toxicity -Dose Range Finding -(28-Day Feeding Study) in SPF Wistar Rats. Project Number: M/111502/01/2/OCR, 86/0012, A32457. Unpublished study prepared by Hoechst Aktiengesellschaft. 322p.	02/10/2012	No	06/29/2003	06/29/1993
48738902	Brunk, R.; Mayer, D. (1987) Hoe 061517 -Active Ingredient Technical: Testing for Toxicity by Repeated Oral Administration to Beagle Dogs for 1 Month (Range-Finding Test). Project Number: M/120095/01/2/OCR, 88/0497, A38458. Unpublished study prepared by Hoechst Aktiengesellschaft. 305p.	02/10/2012	No	06/29/2003	06/29/1993
48799900	Bayer CropScience (2012) Submission of Residue and Environmental Fate Data in Support of the Registration Reviews of Glufosinate-ammonium Containing Products Glufosinate-ammonium Technical and Glufosinate-ammonium 50 MUP. Transmittal of 1 Study.	04/13/2012	No	06/29/2003	06/29/1993
48799901	Netzband, D. (2012) Glufosinate-ammonium - Validation and ILV of Soil and Water Methods. Project Number: GL/003/S11/01. Unpublished study prepared by Bayer CropScience. 40p.	04/13/2012	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48825700	Bayer CropScience LP (2012) Submission of Residue Data in Support of the Registration Reviews of Glufosinate-Ammonium Manufacturing-use Product and Ignite Technical. Transmittal of 12 Studies.	05/11/2012	No	06/29/2003	06/29/1993
48825701	Hees, M. (1999) Decline of Residues of Glufosinate - Tolerant Sugar Beet European Union (Northern Zone) 1997. Project Number: ER97ECN551, C002616, M/184792/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 87p.	05/11/2012	No	06/29/2003	06/29/1993
48825702	Hees, M.; Werner, H.; Holzwarth, U. (1996) Glufosinate-Ammonium SL (Liquid Water Soluble Concentrate) 200 g/L: Determination of Residues of Hoe 039866 and its Relevant Metabolites to Establish a Maximum Residue Level following Two Applications of Hoe 039866 00 SL 18 A524 in Tolerant Oilseed Rape (Northern Europe): Final Report. Project Number: ER94ECN553, A/56444. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 98p.	05/11/2012	No	06/29/2003	06/29/1993
48825703	Hees, M. (1998) Glufosinate-Ammonium Water Soluble Concentrate (SL) 200 g/L: Determination of Residues of Glufosinate-Ammonium (AE F039866) and its Metabolites following Two Applications on Genetically Modified Spring Oilseed Rape Commodities from Residue Trails; European Union, Northern Zone, 1997: Final Report. Project Number: ER/97/ECN/554, A67612, M/147983/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 80p.	05/11/2012	No	06/29/2003	06/29/1993
48825704	Hees, M. (1999) Decline of Residues in Genetically Modified Maize: France (EU Northern and Southern Zone), 1997: Glufosinate-Ammonium, AE F039866 Water Soluble Concentrate (SL) 200 g/L. Project Number: ER/97/ECN/550, C001718, M/183224/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 114p.	05/11/2012	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48825705	Hees, M. (1999) Decline of Residues in Genetically Modified Maize to Compare Different Transformation Events for Data Bridging. European Union [France], 1998 Glufosinate-Ammonium, AE F039866 Water Soluble Concentrate (SL) 200 g/L. Project Number: ER/98/ECN/550, C002266, M/184191/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 97p.	05/11/2012	No	06/29/2003	06/29/1993
48825706	Hees, M.; Werner, H. (1997) Glufosinate - Ammonium SL (Water Soluble Concentrate) 200 and 150 g/L: Determination of Residues to Establish an Maximum Residue Level (MRL) and to Determine the Decline of Glufosinate and its Relevant Metabolites following 2 Applications in Oil Seed Rape, European Union (Northern Zone) 1995/96: Final Report. Project Number: ER/96/ECN/553, A57955, M/141681/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 122p.	05/11/2012	No	06/29/2003	06/29/1993
48825707	Hees, M. (1999) Decline of Residues in Glufosinate - Tolerant Sugar Beet France, (European Union, Northern Zone) 1998 Comparison of Transformation Events T120-7 and TrE-18: Glufosinate-Ammonium, AE F039866 Water Soluble Concentrate (SL) 200 g/L. Project Number: ER/98/ECN/552, C004977, M/188917/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 105p.	05/11/2012	No	06/29/2003	06/29/1993
48825708	Hees, M. (1998) Glufosinate-Ammonium Liquid Water Soluble Concentrate (SL) 20 g/L: Residues of Glufosinate-Ammonium and its Relevant Metabolites in Tolerant Oilseed Rape following Two Applications European Union (Northern Zone, France South), 1996 / 97: Final Report. Project Number: ER/97/ECN/553, A67480, M/147861/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 110p.	05/11/2012	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48825709	Hees, M.; Holzwarth, U.; Werner, H. (1996) Glufosinate-Ammonium Liquid Water Soluble Concentrate (SL) 200 g/L: Determination of Residues of Hoe 039866 and its Relevant Metabolites to Establish a Maximum Residue Level following Two Applications of Hoe 039866 00 SL18 A523 in Tolerant Sugar Beets. Project Number: ER/96/ECN/551, A57574, M/141279/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 66p.	05/11/2012	No	06/29/2003	06/29/1993
48825710	Hees, M.; Holzwarth, U.; Werner, H. (1996) Glufosinate-Ammonium Water Soluble Concentrate 200 g/L: Determination of Residues of Hoe 039866 and its Relevant Metabolites to Establish a Maximum Residue Level following Two Applications of Hoe 039866 00 SL18 A523 in Tolerant Sugar Beets: Final Report. Project Number: ER95ECN555, A/56446, M/140259/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 66p.	05/11/2012	No	06/29/2003	06/29/1993
48825711	Hees, M.; Werner, H. (1997) Glufosinate-Ammonium SL (Water Soluble Concentrate) 200 g/L: Determination of Residues to Establish an Maximum Residue Level (MRL) and to Determine the Decline of Glufosinate and its Relevant Metabolites following 2 Applications in Tolerant Maize. Project Number: ER/96/ECN/55, A58191, M/141900/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 178p.	05/11/2012	No	06/29/2003	06/29/1993
48825712	Hees, M.; Werner, H. (1997) Glufosinate-Ammonium SL (Water Soluble Concentrate) 200 and 120 g/L: Determination of Residues to Establish an Maximum Residue Level (MRL) and to Determine the Decline of Glufosinate and its Relevant Metabolites following 2 Applications in Tolerant Maize. Project Number: ER/96/ECS/550, A58190, M/141899/01/1. Unpublished study prepared by Hoechst Schering AgrEvo GmbH. 140p.	05/11/2012	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48862800	Bayer CropScience LP (2012) Submission of Product Chemistry Data in Support of the Registration of Glufosinate-ammonium Technical and Glufosinate-ammonium 50 MUP. Transmittal of 2 Studies.	06/21/2012	No	06/29/2003	06/29/1993
48862801	Doller, U.; Klockner, C. (2012) Amendment No.1 of Report PA08/026: Material Accountability of AE F039866 Glufosinate-ammonium: Analytical Profile of Production Batches: Final Report. Project Number: M/301850/02/2/OCR, PA08/026. Unpublished study prepared by Bayer CropScience GmbH. 65p.	06/21/2012	No	06/29/2003	06/29/1993
48862802	Krabbe, G. (2012) Glufosinate-ammonium Technical: Material Manufacturing Process: Description of Materials Used to Produce the Product and Description of Production Process. Project Number: M/301593/02/1/OCR. Unpublished study prepared by Bayer CropScience. 69p.	06/21/2012	No	06/29/2003	06/29/1993
48976700	Bayer CropScience LP (2013) Submission of Residue Data in Support of the Amended Registration of Liberty 280 SL Herbicide and Liberty Herbicide. Transmittal of 3 Studies.	01/11/2013	No	06/29/2003	06/29/1993
48976701	Bertrand, N. (2011) Glufosinate-ammonium: Magnitude of Residues in/on Liberty Link Canola Varieties (Ignite 280 SL). Project Number: M/408523/01/1/OCR, RAGLC010. Unpublished study prepared by ALS Environmental. 302p.	01/11/2013	No	06/29/2003	06/29/1993
48976702	Bertrand, N. (2011) Glufosinate-ammonium: Magnitude of Residues in/on Processed Fractions of Liberty Link Canola Varieties (Ignite 280 SL): Final Report. Project Number: M/408527/01/1/OCR, RAGLC011. Unpublished study prepared by GLP Technologies, ALS Environmental. 289p.	01/11/2013	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
48976703	Tauber, R. (2012) Glufosinate-ammonium: Magnitude of Residues in/on Liberty Link Canola Varieties (Ignite 280 SL): Final Report. Project Number: M/443238/01/1, RAGLC010/ADDENDUM/OCR. Unpublished study prepared by ALS Environmental. 74p.	01/11/2013	No	06/29/2003	06/29/1993
49006700	Bayer CropScience LP (2014) Submission of Toxicity Data in Support of the Registration of Glufosinate-Ammonium. Transmittal of 1 Study.	09/10/2014	No	06/29/2003	06/29/1993
49006701	Repetto, M. (2011) Glufosinate-Ammonium: Evaluation of Potential Skin Sensitization in the Local Lymph Node Assay in the Mouse. Project Number: M/407643/01/2, SA/11080. Unpublished study prepared by Bayer CropScience. 38p.	09/10/2014	No	06/29/2003	06/29/1993
49006900	Bayer CropScience LP (2014) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Liberty 200 SL. Transmittal of 1 study.	09/10/2014	No	06/29/2003	06/29/1993
49006901	Hargitai, J. (2014) Glufosinate-Ammonium SL 200F G- Local Lymph Node Assay in the Mouse: Final Report. Project Number: M/493858/01/2, 14/074/037E, TXGLN016. Unpublished study prepared by CiToxLab Hungary, Ltd. 39p.	09/10/2014	No	06/29/2003	06/29/1993
49055300	Bayer CropScience LP (2013) Submission of Residue Data in Support of the Registration Review of Glufosinate-ammonium Technical. Transmittal of 1 Study.	02/08/2013	No	06/29/2003	06/29/1993
49055301	Rutt, D. (2013) Independent Laboratory Validation of Bayer Method GL-003-S11-01 'An Analytical Method for the Determination of Residues of Glufosinate Ammonium, N-acetylglufosinate, Glufosinate-MPP and Glufosinate-MPA in Soil, Sediment and Water Using LC/MS/MS.' Project Number: RAGLP073, AU/2011/37, M/445536/01/1. Unpublished study prepared by JRF America. 119p.	02/08/2013	No	06/29/2003	06/29/1993

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49135800	Bayer CropScience (2013) Submission of Toxicity, Fate and Environmental Fate in Support of the Registration Reviews of the Glufosinate Containing Products Glufosinate-Ammonium Manufacturing-Use Product, Glufosinate-Ammonium Technical, Liberty Herbicide and Liberty 280 SL Herbicide. Transmittal of 9 Studies.	05/28/2013	No	06/29/2003	06/29/1993
49135801	Barfknecht, R. (2011) Observation of Voles ( <i>Microtus arvalis</i> ) Under Semi-Field Conditions after an Application of Glufosinate-Ammonium SL 200 (1.5 kg a.i./ha). Project Number: BAR/FS055, EBGLL010, M/403847/02/1. Unpublished study prepared by Bayer CropScience. 19p.	05/28/2013	No	06/29/2003	06/29/1993
49135802	Barfknecht, R. (2011) Food Acceptance Study with Rabbits ( <i>Oryctolagus cuniculus</i> ) and Grass Treated with Glufosinate-Ammonium SL 200. Project Number: EBGLL010, M/410867/01/1. Unpublished study prepared by Bayer CropScience. 22p.	05/28/2013	No	06/29/2003	06/29/1993
49135803	Pallett, K.; Gosch, H. (2004) Non-Target Terrestrial Plants: Time Course of Phytotoxicity following a Single Application under Greenhouse Conditions: Final Report. Project Number: VV/03/046, C038840, EBGLX009. Unpublished study prepared by Bayer CropScience GmbH. 44p.	05/28/2013	No	06/29/2003	06/29/1993
49135804	Jans, D. (2011) Determination of Residues of Glufosinate - Ammonium SL 200 g/L in <i>Poecilus cupreus</i> L. (Coleoptera, Carabidae) in an Extended Laboratory Test. Project Number: CW10/047, EBGLL015, M/404036/01/1. Unpublished study prepared by Bayer CropScience GmbH. 76p.	05/28/2013	No	06/29/2003	06/29/1993
49135805	Kane, T. (2009) Glufosinate Ammonium (SL 150) Comparative in vitro Dermal Absorption Study Using Human and Rat Skin. Project Number: BAG0427, M/351927/01/1. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 67p.	05/28/2013	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
49135806	van Dijk, A. (1995) Dermal Absorption and Pharmacokinetic Study with (Carbon 14)-HOE 039866 in SL 14 Formulation on Various Organs/Tissues of Male Rats and Excretion Pattern of Radioactivity after Single Dermal Administration of the Test Article. Project Number: A55013, 379877, M/139002/01/2. Unpublished study prepared by RCC Umweltchemie Ag. 152p.	05/28/2013	No	06/29/2003	06/29/1993
49135807	Kane, T. (2009) Glufosinate Ammonium (SL 200): Comparative in vitro Dermal Absorption Study Using Human and Rat Skin. Project Number: BAG0428, M/351937/01/1. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 67p.	05/28/2013	No	06/29/2003	06/29/1993
49135808	Sabbagh, G.; Desmarteau, D. (2011) Foliar Dissipation Half-Life Calculation for Glufosinate-Ammonium in Corn, Canola, Sugar Beet and Pasture Grass. Project Number: US0173, M/408154/01/1. Unpublished study prepared by Bayer CropScience. 31p.	05/28/2013	No	06/29/2003	06/29/1993
49135809	Hall, T.; Jones, R.; Geter, D.; et al. (2013) Bayer CropScience Comments to EPA's Draft Human Health and Ecological Risk Assessments for the Registration Review of Glufosinate Ammonium. Project Number: US0346, M/453821/01/1. Unpublished study prepared by Bayer CropScience LP. 29p.	05/28/2013	No	06/29/2003	06/29/1993
49331200	Bayer CropScience LP (2014) Submission of Toxicity and Exposure & Risk Data in Support of the Registration Review of Glufosinate Ammonium. Transmittal of 3 Studies.	10/31/2014	No	06/29/2003	06/29/1993
49331201	Geter, D.; Sheets, L. (2014) Glufosinate-Ammonium: Examination on the Refined Analysis of Mean Length of the Ventral Limb of the Dentate Hilus from Postnatal Day 72 Rats in a Developmental Neurotoxicity Study. Project Number: M/496310/01/1, US/DG1403, RAGLN026. Unpublished study prepared by Bayer CropScience LP. 14p.	10/31/2014	No	06/29/2003	06/29/1993



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
49331202	Toot, J. (2004) A Dietary Developmental Neurotoxicity Study of Glufosinate-Ammonium in Rats: Final Report. Project Number: M/240314/02/1, WIL/21202. Unpublished study prepared by WIL Research. 2270p.	10/31/2014	No	06/29/2003	06/29/1993
49331203	Lunchick, C. (2014) Refinement of the Glufosinate Ammonium Post Application Exposure and Risk Assessment. Project Number: M/484020/02/1, US420/1. Unpublished study prepared by Bayer CropScience LP. 21p.	10/31/2014	No	06/29/2003	06/29/1993
49385600	Bayer CropScience LP (2014) Submission of Residue, Exposure, and Risk Data in Support of the Registration Review of Glufosinate Ammonium. Transmittal of 4 Studies.	05/19/2014	No	06/29/2003	06/29/1993
49385601	Miller, A. (2014) An Analytical Method for the Determination of Residues of Glufosinate Ammonium, N-acetylglufosinate, Glufosinate-MPP and Glufosinate-MPA in Soil, Sediment and Water Using LC/MS/MS. Project Number: GL/003/S11/02, M/485305/01/1. Unpublished study prepared by Bayer CropScience, LP. 23p.	05/19/2014	No	06/29/2003	06/29/1993
49385602	Lunchick, C. (2014) Refinement of the Glufosinate Ammonium Post Application Exposure and Risk Assessment. Project Number: US420, M/484020/01/1. Unpublished study prepared by Bayer CropScience, LP. 19p.	05/19/2014	No	06/29/2003	06/29/1993
49385603	Lunchick, C. (2014) Amendment of Handler Personal Protective Clothing Requirements for Glufosinate Ammonium Based on Revised Human Health Risk Assessment. Project Number: US421, M/484023/01/1. Unpublished study prepared by Bayer CropScience, LP. 9p.	05/19/2014	No	06/29/2003	06/29/1993
49385604	Gorrell, R. (2014) Bayer's Proposal for Label Language for the Finale, Derringer, and Derringer F Vegetation Management Labeled Uses of Glufosinate in Turfgrass, Ornamentals, and Non-Crop Areas. Unpublished study prepared by Bayer CropScience, LP. 24p.	05/19/2014	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
49525500	Bayer CropScience, LP (2014) Submission of Pesticide Use Data in Support of the Registration of Glufosinate. Transmittal of 1 Study.	12/10/2014	No	06/29/2003	06/29/1993
49525501	Nelson, J.; Cain, K.; Cotie, A.; et al. (2014) A Public Interest Document Supporting the Reregistration of Glufosinate for Reliable Non-Selective Weed Control and Management of Resistant Weeds in Tree, Vine and Berry Crops; Glufosinate-Tolerant LibertyLink Canola, Corn, Cotton and Soybeans; and Burndown Applications. Project Number: US0455. Unpublished study prepared by James E. Nelson. 119p.	12/10/2014	No	06/29/2003	06/29/1993
49661200	Bayer CropScience LP (2015) Submission of Toxicity Data in Support of the Amended Registration of Liberty 280 SL Herbicide. Transmittal of 1 Study.	11/19/2015	No	06/29/2003	06/29/1993
49661201	Boulet, J. (2015) Rely 280: Acute Dermal Toxicity in Rats: Final Report. Project Number: 41490, TXGLN049, M/537413/01/1. Unpublished study prepared by Product Safety Laboratories. 19p.	11/19/2015	No	06/29/2003	06/29/1993
49963400	Bayer CropScience LP (2016) Submission of Residue Data in Support of the Amended Registration of Liberty 280 SL Herbicide. Transmittal of 3 Studies.	07/08/2016	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
49963401	Fischer, D.; Jerkins, E. (2016) Liberty 280 SL - Magnitude of the Residue in/on Soybean (Rate Increase): Final Report. Project Number: M/550598/01/1, RAGLN018, C008925. Unpublished study prepared by Bayer CropScience, SynTech research, Inc., Agricultural Systems Assoicates, MoARK Agricultural Research, LLC, Stoneville R&D, Mid-South Ag Research, Inc., Viger Agricultural Research, Inc., Stewart Ag Research, Services, Inc., BCS Canada, Bennett Ag Research Corporation, AGB AG Services, MidWest Research, Inc., Heartland Ag Research, LLC, Northern Plains Ag Research, Great Lakes Agricultural Research Service, Dozier Ag Research Services, LLC, Warnke Research Services, LLC and Agsearch Company. 431p.	07/08/2016	No	06/29/2003	06/29/1993
49963402	Murphy, I.; Jerkins, E. (2015) Liberty 280 SL: Magnitude of the Residue in Field Corn: Final Report. Project Number: M/540013/01/1, RAGLN050, A31177. Unpublished study prepared by Bayer CropScience, Reality Research, Eurofins Agrosience Services, Inc., Northern Plains Ag Research, Viger Agricultural Research, Inc., Heartland Ag Research, LLC, Dozier Ag Research Services, LLC, Diamond Ag Research, Inc., SynTech Research, Inc., Illinois Ag Research, MidWest Research, Inc., Bennett Agricultural Research Corporation, MoArk Agricultural Research, LLC and South Texas Ag Research - RGV, Inc. 421p.	07/08/2016	No	06/29/2003	06/29/1993
49963403	Netzband, D. (2009) Ignite 280 SL - Magnitude of the Residue in/on Soybean Processed Commodities. Project Number: M/353033/01/2, RAGLP031, A31177. Unpublished study prepared by Bayer CropScience and GLP Technologies. 122p.	07/08/2016	No	06/29/2003	06/29/1993

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
49974600	Bayer CropScience LP (2016) Submission of Residue Data in Support of the Amended Registration of Liberty 280 SL Herbicide. Transmittal of 1 Study.	07/26/2016	No	06/29/2003	06/29/1993
49974601	Lemke, V.; Brungardt, J. (2016) Rely 280 SL -Magnitude of the Residue in Pistachio: Final Report. Project Number: M/559412/01/1, RAGLN039, 044SRSL14R/10. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 170p.	07/26/2016	No	06/29/2003	06/29/1993
50159600	Bayer CropScience LP (2017) Submission of Residue Data in Support of the FIFRA 6(a)(2) Data Requirements for Liberty 280 SL. Transmittal of 2 Studies.	01/31/2017	No	06/29/2003	06/29/1993
50159601	Harbin, A.; Li, Y. (2016) RELY 280 SL - Magnitude of the Residue in Olive; U.S., E.U., Canada Import Tolerances.: Final Report. Project Number: M/569444/01/1, RAGLN044, A31177. Unpublished study prepared by International Agricultural Research, Inc., Coastal Research Services, Research for Hire, Lange Research and Consulting, Inc. and ABC Laboratories, Inc. 231p.	01/31/2017	No	06/29/2003	06/29/1993
50159602	Brungardt, J.; Lemke, V. (2016) Rely 280 SL - Magnitude of the Residue in Peach and Nectarine: Final Report. Project Number: M/565228/01/1, 044SRSL14R49, RAGLN041. Unpublished study prepared by SynTech Research Laboratory Services, LLC, CMS, Inc., Southeast Ag Research, Inc., Great Plains Crop Services, California Agricultural Research, Inc., and Lange research and Consulting, Inc. 283p.	01/31/2017	No	06/29/2003	06/29/1993
50562800	Bayer CropScience (2018) Submission of Residue Data in Support of the Amended Registration of Liberty 280 SL Herbicide. Transmittal of 1 Study.	04/05/2018	No	06/29/2003	06/29/1993
50562801	Jenkins, E.; Veal, M. (2017) Liberty 280 SL (Glufosinate-ammonium): Magnitude of Residues in/on Cotton: Final Report. Project Number: RAGLN074. Unpublished study prepared by Bayer CropScience. 555p.	04/05/2018	No	06/29/2003	06/29/1993

\*Defined as the registration date of the first Section 3 product containing the new AI or combination of AIs. See 40 CFR 152.83. Each PIP has its own exclusivity period. Exclusivity does not apply to EUPs.

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47634800	Bayer CropScience (2008) Submission of Efficacy Data in Support of the Application for Registration of BCS Cry1Ab Cotton Event T304-40. Transmittal of 20 Studies.	12/30/2008	Yes	01/26/2022	01/26/2012
47634801	Ferullo, J. (2008) Product Characterization of Cry1Ab Cotton Event T304-40. Unpublished study prepared by Bayer BioScience N.V. 22 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634802	Nennstiel, D. (2008) Product Characterization: Nutritional Characterization of Cry1Ab Cotton Event T304-40. Unpublished study prepared by Bayer CropScience LP. 8 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634803	Currier, T.; Massengill, J. (2008) Protein Expression Analysis of Cotton Event T304-40, Expressing Cry1Ab and PAT/bar Proteins. Project Number: CP07B005. Unpublished study prepared by Bayer CropScience LP. 158 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634804	Martone, A. (2008) Analyses of Raw Agricultural Commodity (Fuzzy Seed) of Cry1Ab Cotton Event T304-40 for PAT/bar and Cry1Ab and its Non-Transgenic Counterpart for PAT/bar and Cry1Ab Proteins. Project Number: CP07B011. Unpublished study prepared by Bayer CropScience LP. 154 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634805	Martone, A. (2008) Structural and Functional Equivalence of Cry1Ab and PAT/bar Proteins Produced in Escherichia coli to Cry1Ab and PAT/bar Proteins from Event T304-40 and TwinLink Cotton, Gossypium hirsutum. Project Number: CP08B003. Unpublished study prepared by Bayer CropScience LP. 52 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634806	Nennstiel, D. (2008) ORF Analysis - Toxicology (Human Health Assessment). Unpublished study prepared by Bayer CropScience. 10 p.	12/30/2008	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47634809	Stephenson, I. (2008) Cry1Ab Protein: Epitope Homology, N-glycosylation and Overall Amino Acid Sequence Homology Search with Known Toxins and Allergins. Supplement to MRID 46708802 and MRID 46708803. Unpublished study prepared by Bayer BioScience N.V. 6 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634812	Nennstiel, D. (2008) Toxicology (Human Health Assessment): History of Safe Use. Unpublished study prepared by Bayer BioScience N.V. 49 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634813	Chalmers, A. (2008) Summary of Non-Target Organism Testing and Assessment of Risk of <i>Gossypium hirsutum</i> : Transformation Event T304-40 Expressing Cry1Ab Protein. Project Number: ECORA1. Unpublished study prepared by Bayer CropScience. 67 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634815	Patnaude, M. (2008) Laboratory Study to Determine the Effects of Cry1Ab Protein on the Predatory Beetle <i>Coleomegilla maculata</i> . Project Number: EB99L008, 13798/6217. Unpublished study prepared by Springborn Smithers Laboratories. 60 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634816	Scott, A. (2008) Cry1Ab Protein: Toxicity to Green Lacewing ( <i>Chrysoperla rufilabris</i> ). Project Number: EB99L009. Unpublished study prepared by Bayer CropScience LP. 4 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634818	Bushey, D. (2008) Request for Waivers from the Requirement to Conduct a Non-Target Soil Invertebrate Study: Earthworm. Unpublished study prepared by Bayer CropScience LP. 6 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634819	Sayers, L. (2008) Cry1Ab Protein: Ten Day Toxicity Test to Water Fleas ( <i>Daphnia magna</i> ) Under Static-Renewal Conditions. Project Number: 13798.6232, EB99L010. Unpublished study prepared by Springborn Smithers Laboratories. 45 p.	12/30/2008	Yes	01/26/2022	01/26/2012



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47634820	Martone, A. (2008) The Use of an Insect <i>Heliothis virescens</i> Bioassay to Determine the DT50 of the CryIAb Protein Produced from <i>Escherichia coli</i> After Aerobic Soil Degradation. Project Number: CP07B010. Unpublished study prepared by Bayer CropScience LP. 152 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634821	Jesudason, P. (2008) CryIAb: Efficacy Assessment (Field and Laboratory). Unpublished study prepared by Bayer CropScience LP. 5 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634822	Bushey, D. (2008) Request for a Waiver from the Requirement to Prepare a Public Interest Document. Unpublished study prepared by Bayer CropScience LP. 6 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634823	Bushey, D. (2008) Request for a Waiver from the Requirement to Develop an Insect Resistance Management Plan. Unpublished study prepared by Bayer CropScience LP. 6 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634824	Nennstiel, D. (2008) Detection Methods: rtPCR. Unpublished study prepared by Bayer BioScience N.V. 6 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634825	Nennstiel, D. (2008) Protein Detection Methods: Lateral Flow Strip (LFS). Unpublished study prepared by EnviroLogix, Inc. 8 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47634826	Nennstiel, D. (2008) Protein Detection Methods: Enzyme Linked Immuno Sorbent Assay (ELISA). Unpublished study prepared by Strategic Diagnostics, Inc. and EnviroLogix, Inc. 18 p.	12/30/2008	Yes	01/26/2022	01/26/2012
47651100	Bayer CropScience LP -Bioscience (2008) Submission of Fate and Toxicity Data in Support of the Application for Registration of BCS CryIAb Cotton Event T304-40. Transmittal of 6 Studies.	01/26/2009	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47651102	Rouquie, D. (2007) Cry1Ab Protein: In Vitro Digestibility Study in Human Simulated Gastric Fluid. Project Number: M/295272/01/1, SA/07110, LYNX/PSIN/TX51X006. Unpublished study prepared by Bayer Cropscience. 56 p.	01/26/2009	Yes	01/26/2022	01/26/2012
47651103	Rouquie, D. (2007) Cry1Ab Protein: Acute Toxicity by Oral Gavage in Mice. Project Number: M/295507/01/1, SA/07109, LYNX/PSI/NTX51X007. Unpublished study prepared by Bayer Cropscience. 58 p.	01/26/2009	Yes	01/26/2022	01/26/2012
47651104	Rouquie, D. (2007) Cry1Ab Protein: Heat Stability Study. Project Number: M/295690/01/1, SA/07112, LYNX/PSI/N/TX99L034. Unpublished study prepared by Bayer Cropscience. 51 p.	01/26/2009	Yes	01/26/2022	01/26/2012
47651105	Richards, K. (2008) Evaluation of the Dietary Effect(s) of a Cry1Ab Protein on Honey Bee Larvae ( <i>Apis mellifera</i> L.). Project Number: EB99X030, CAR/177/07, BBS07/006. Unpublished study prepared by California Agricultural Research, Inc. 111 p.	01/26/2009	Yes	01/26/2022	01/26/2012
47651106	Patnaude, M. (2008) Chronic Toxicity to Collembola ( <i>Folsomia candida</i> ) Using Cry1Ab Protein. Project Number: 13798/6218, EB99X028, BBS07/006. Unpublished study prepared by Springborn Smithers Laboratories. 61 p.	01/26/2009	Yes	01/26/2022	01/26/2012
47692700	Bayer CropScience LP (2009) Submission of Toxicity Data in Support of the Application for Registration of BCS Cry1Ab Cotton Event T304-40. Transmittal of 1 Study.	03/04/2009	Yes	01/26/2022	01/26/2012
47692701	Patnaude, M. (2009) Cry1 Ab Protein - Toxicity to Green Lacewing ( <i>Chrysoperla rufilabris</i> ) Following OPPTS Guideline 885.4340. Project Number: 13798/6230, EB99L009, 082808. Unpublished study prepared by Springborn Smithers Laboratories. 48 p.	03/04/2009	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
47871400	Bayer CropSciences (2009) Submission of Product Chemistry, Environmental Fate and Toxicity Data in Support of the Application for Registration of BCS Cry1Ab Cotton Event T304-40. Transmittal of 4 Studies.	09/29/2009	Yes	01/26/2022	01/26/2012
47871401	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Product Analysis Studies as Outlined in 40 CFR 158.2120-Cry1Ab. Unpublished study prepared by Bayer CropScience LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871402	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Toxicology Studies to Test for Health Effects as Outlined in 40 CFR 158.2140-Cry1Ab. Unpublished study prepared by Bayer CropScience LP. 9 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871403	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Nontarget and Environmental Fate Studies to Test for Ecological Effects as Outlined in 40CFR 158.21-Cry1Ab. Unpublished study prepared by Bayer CropScience LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871404	Hunst, P. (2009) Bridging Data from TwinLink Cotton Avian Nutritional Study to Parental Events T304-40 and GHB119. Unpublished study prepared by Bayer CropScience LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47903200	Bayer CropScience LP (2009) Submission of Toxicity Data in Support of the Application for Registration of BCS CRY1AB Cotton Event T304-40. Transmittal of 1 Study.	11/04/2009	Yes	01/26/2022	01/26/2012
47903201	Hunst, P. (2009) Request for Waiver from the Requirement to Conduct an Avian Oral Toxicity Test: TwinLink. Unpublished study prepared by Bayer CropScience LP. 16 p.	11/04/2009	Yes	01/26/2022	01/26/2012
48177500	Bayer CropScience LP (2010) Submission of Toxicity Data in Support of the Applications for Registration of BCS Twinlink Cotton Event T304-40 X GHB 119 Cotton, BCS Cry 1Ab Cotton Event T304-40, and BCS Cry2Ae Cotton Event GHB119 and the Petition for Tolerance of Cry2Ae. Transmittal of 1 Study.	08/09/2010	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48177501	Stafford, J. (2010) Northern Bobwhite ( <i>Colinus virginianus</i> ) Dietary Toxicity Test (LC50) with GHB119 (Cry2AE) Cottonseed Meal. Project Number: 13798/4130, TX44L001. Unpublished study prepared by Springborn Smithers Laboratories. 60 p.	08/09/2010	Yes	01/26/2022	01/26/2012
48480000	Bayer CropScience LP (2011) Submission of Product Chemistry and Efficacy Data in Support of the Applications for Registration of BCS Cry1Ab Cotton Event T304-40, BCS Cry2Ae Cotton Event GHB119 and BCS TwinLink Cotton Event T304-40 x GHB 119 Cotton, and the Petition for Tolerance of Cry2Ae. Transmittal of 11 Studies.	05/13/2011	Yes	01/26/2022	01/26/2012
48480001	Habex, V.; Verhaeghe, S. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event GHB119 by Southern Blot Analysis. Project Number: BBS07/009, M/308404/02/1. Unpublished study prepared by Bayer BioScience N.V. 43 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480002	Moens, S. (2008) Confirmation of the Absence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BBS06/007, M/311127/02/1. Unpublished study prepared by Bayer BioScience N.V. 40 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480003	Moens, S.; Criel, I. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event T304-40. Project Number: BBS07/014, M/311245/03/1. Unpublished study prepared by Bayer BioScience N.V. 62 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480004	Habex, V.; Van Herck, H. (2007) Confirmation of the Absence/Presence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event T304-40: Final Report. Project Number: BBS05/003, M/308400/02/1. Unpublished study prepared by Bayer BioScience N.V. 41 p.	05/13/2011	Yes	01/26/2022	01/26/2012

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48480005	Currier, T. (2011) Characterization of Cry1Ab and (Inert Ingredient) Proteins Produced in Event T304-40 Cotton, <i>Gossypium hirsutum</i> USA, 2011. Project Number: 10/BM99L508, M/406631/01/1. Unpublished study prepared by Bayer CropScience LP. 31 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480006	Moens, S. (2011) Characterization of Cry2Ae and (Inert Ingredient) Proteins Expressed in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BIO2/005/PROTEQUL/512, M/406615/02/1. Unpublished study prepared by Bayer BioScience N.V. 35 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480007	Currier, T. (2011) Structural Stability Analysis of <i>Gossypium hirsutum</i> Combined Event TwinLink X GlyTol (GHB614): Final Report. Project Number: CP08Q012/2. Unpublished study prepared by Bayer CropScience LP. 34 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480008	Currier, T.; Harbin, A. (2011) Protein Expression Analysis for GlyTol x TwinLink (GHB614 x T304-40 x GHB119) Cotton Grown in the Field, USA 2010. Project Number: 10BM99L440B, M/406245/01/1. Unpublished study prepared by Bayer CropScience LP. 125 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480009	Bushey, D.; Jansens, S.; Becker, A. (2010) Insect Bioassay of Plant Material Expressing Cotton Events T304-40, GHB119, and TwinLink (T304-40xGHB119). Project Number: BIO2/005, INSECT/BIOASSAY/FROM/MONHEI M. Unpublished study prepared by Bayer CropScience. 22 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480010	Mullins, W. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Mississippi Cotton Field on Caged Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Events T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48480011	Dennehy, T. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Greenhouse on Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Event Plants T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Project Number: BA44Y001. Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012
49033800	Bayer CropScience LP (2013) Submission of Residue Data in Support of the Registrations of of BCS Cry2Ae Cotton Event GHB119, Twinlink Cotton and BCS Cry1Ab Cotton Event T304-40. Transmittal of 2 Studies.	01/10/2013	Yes	01/26/2022	01/26/2012
49033801	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry1Ab in T304-40 Cotton Seed. Project Number: 107/0767, PASC/REP/0287. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012
49033802	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry2Ae in GHB119 Cotton Seed. Project Number: 107/0767, PASC/REP/0288, M/442605/01/1. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012
47641900	Bayer CropScience (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of BCS Cry2Ae Cotton Event GHB119 Cotton and the Petition for Tolerance of <i>Bacillus thuringiensis</i> Cry2Ae. Transmittal of 26 Studies.	12/31/2008	Yes	01/26/2022	01/26/2012
47641901	Ferullo, J. (2008) Product Characterization of Cry2Ae Cotton Event GHB119. Unpublished study prepared by Bayer BioScience N.V. 24 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641902	Jesudason, P. (2008) Product Characterization -Nutritional Characterization of Cry2Ae Protein. Unpublished study prepared by Bayer CropScience. 6 p.	12/31/2008	Yes	01/26/2022	01/26/2012



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47641903	Currier, T. (2008) Protein Expression Analysis of Cotton Event GHB119, Expressing Cry2Ae and PAT/bar Proteins. Project Number: CY07B005. Unpublished study prepared by Bayer CropScience LP. 161 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641904	Martone, A. (2008) Analyses of Raw Agricultural Commodity (Fuzzy Seed) of Cry2Ae Cotton Event GHB119 for PAT/bar and Cry2Ae and its Non-Transgenic Counterpart for PAT/bar and Cry2Ae Proteins. Project Number: CY07B001. Unpublished study prepared by Bayer CropScience. 123 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641905	Martone, A. (2008) Structural and Functional Equivalence of Cry2Ae and PAT/bar Proteins Produced in Bacillus thuringiensis (Bt) and Escherichia coli to Cry2Ae and PAT/bar Proteins in GHB119 Cotton, Gossypium hirsutum. Project Number CY07B002. Unpublished study prepared by Bayer CropScience. 57 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641906	Capt, A.; Nennstiel, D. (2008) Toxicology (Human Health Assessment): Summary of Analysis of Open Reading Frame Homology Searches. Unpublished study prepared by Bayer CropScience. 10 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641907	Rouquie, D. (2008) Cry2Ae Protein: In Vitro Digestibility Study in Simulated Intestinal Fluid. Project Number: SA08127. Unpublished study prepared by Bayer CropScience. 52 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641908	Rouquie, D. (2008) Cry2Ae Protein with Transit Peptide Epitope Homology and N-Glycosylation Searches. Project Number: SA08209, TX99L003. Unpublished study prepared by Bayer CropScience. 30 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641909	Rouquie, D. (2008) Cry2Ae Protein with Transit Peptide Overall Amino Acid Sequence Homology Search with Known Toxins and Allergens. Project Number: SA08208, TX99L004. Unpublished study prepared by Bayer CropScience. 444 p.	12/31/2008	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47641910	Stephenson, I. (2008) Update on Cry2Ae Protein: In Vitro Digestibility Study in Human Simulated Gastric Fluid, Overall Amino Acid Sequence Homology Search with Known Toxins and Allergens, and Epitope Homology and N-Glycosylation Searches. Unpublished study prepared by Bayer BioScience N.V. 6 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641911	Rouquie, D. (2008) Cry2Ae Protein: Heat Stability Study. Project Number: SA08128, TX99L036. Unpublished study prepared by Bayer CropScience. 49 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641912	Nennstiel, D. (2008) Cry2Ae Protein: History of Safe Use. Unpublished study prepared by Bayer BioScience N.V. 7 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641913	Chalmers, A. (2008) Summary of Non-Target Organism Testing and Assessment of Risk of <i>Gossypium hirsutum</i> : Transformation Event GHB119 Expressing Cry2Ae Protein. Project Number: ECORA2. Unpublished study prepared by Bayer CropScience LP. 50 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641914	Richards, K. (2008) Evaluation of the Dietary Effect(s) of a Cry2Ae Protein on Honey Bee Larvae. Project Number: EB99L001, CAR178/07. Unpublished study prepared by California Agricultural Research, Inc. 109 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641915	Patnaude, M. (2007) Laboratory Study to Determine the Effects of Cry2Ae Protein on the Predatory Beetle <i>Coleomegilla maculata</i> . Project Number: EB99X006, 13798/6203. Unpublished study prepared by Springborn Smithers Laboratories. 64 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641916	Scott, A. (2008) Cry2Ae Protein - Toxicity to Green Lacewing ( <i>Chrysoperla rufilabris</i> ). Unpublished study prepared by Bayer CropScience LP. 4 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641917	Patnaude, M. (2008) Chronic Toxicity to Collembola ( <i>Folsomia candida</i> ) using GEM2 Proteins. Project Number: EB99X0081, 13798/6204. Unpublished study prepared by Springborn Smithers Laboratories. 133 p.	12/31/2008	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47641918	Patnaude, M. (2008) Cry2Ae Protein - Acute Toxicity to Earthworms ( <i>Eisenia fetida</i> ). Project Number: 13798/6222, EB99X032. Unpublished study prepared by Springborn Smithers Laboratories. 37 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641919	Sayers, L. (2008) Cry2Ae Protein -Ten Day Toxicity Test to Water Fleas ( <i>Daphnia magna</i> ) Under Static-Renewal Conditions. Project Number: 13798/6233, EB99X033. Unpublished study prepared by Springborn Smithers Laboratories. 45 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641920	Martone, A. (2008) The Use of an Insect <i>Heliothis virescens</i> Bioassay to Determine the DT50 of the Cry2Ae Protein Produced from <i>Bacillus thuringiensis</i> after Aerobic Soil Degradation. Project Number: CY07B007. Unpublished study prepared by Bayer CropScience LP. 152 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641921	Jesudason, P. (2008) Cry2Ae: Efficacy Assessment (Field and Laboratory). Unpublished study prepared by Bayer CropScience LP. 5 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641922	Bushey, D. (2008) Request for a Waiver from the Requirement to Prepare a Public Interest Document (Cry2Ae). Unpublished study prepared by Bayer CropScience LP. 6 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641923	Bushey, D. (2008) Request for a Waiver from the Requirement to Develop an Insect Resistance Management Plan (Cry2Ae). Unpublished study prepared by Bayer CropScience LP. 6 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641924	Nennstiel, D. (2008) Detection Methods: rtPCR (Cry2Ae). Unpublished study prepared by Bayer BioScience N.V. 7 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641925	Nennstiel, D. (2008) Protein Detection Methods: Lateral Flow Strip (Cry2Ae). Unpublished study prepared by EnviroLogix Inc. 8 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47641926	Nennstiel, D. (2008) Protein Detection Methods: Enzyme Linked Immuno Sorbent Assay (ELISA) (Cry2Ae). Unpublished study prepared by EnviroLogix, Inc. 10 p.	12/31/2008	Yes	01/26/2022	01/26/2012

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47692500	Bayer CropScience (2009) Submission of Toxicity Data in Support of the Application for Registration of BCS Cry2Ae Cotton Event GHB119 Cotton. Transmittal of 1 Study.	03/04/2009	Yes	01/26/2022	01/26/2012
47692501	Patnaude, M. (2009) Cry2Ae Protein - Toxicity to Green Lacewing (Chrysoperla rufilabris) Following OPPTS Guideline 885.4340. Project Number: 13798/6229, EB99X025, BBS07/007. Unpublished study prepared by Springborn Smithers Laboratories. 65 p.	03/04/2009	Yes	01/26/2022	01/26/2012
47871500	Bayer CropScience, LP (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Cry2Ae. Transmittal of 4 Studies.	09/29/2009	Yes	01/26/2022	01/26/2012
47871501	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Product Analysis Studies as Outlined in 40CFR 158.2120-Cry2Ae. Unpublished study prepared by Bayer CropScience, LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871502	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Toxicology Studies to Test for Health Effects as Outlined in 40CFR 158.2140-Cry2Ae. Unpublished study prepared by Bayer CropScience, LP. 9 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871503	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Nontarget and Environmental Fate Studies to Test for Ecological Effects as Outlined in 40CFR 158.3150-Cry2Ae. Unpublished study prepared by Bayer CropScience, LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871504	Hunst, P. (2009) Bridging Data from TwinLink Cotton Avian Nutritional Study to Parental Events T304-40 and GHB119. Unpublished study prepared by Bayer CropScience, LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47903300	Bayer CropScience LP (2009) Submission of Toxicity Data in Support of the Application for Registration of BCS CRY2AE Cotton Event GHB119. Transmittal of 1 Study.	11/04/2009	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47903301	Hunst, P. (2009) Request for Waiver from the Requirement to Conduct an Avian Oral Toxicity Test: TwinLink. Unpublished study prepared by Bayer CropScience LP. 16 p.	11/04/2009	Yes	01/26/2022	01/26/2012
48177500	Bayer CropScience LP (2010) Submission of Toxicity Data in Support of the Applications for Registration of BCS Twinlink Cotton Event T304-40 X GHB 119 Cotton, BCS Cry 1Ab Cotton Event T304-40, and BCS Cry2Ae Cotton Event GHB119 and the Petition for Tolerance of Cry2Ae. Transmittal of 1 Study.	08/09/2010	Yes	01/26/2022	01/26/2012
48177501	Stafford, J. (2010) Northern Bobwhite ( <i>Colinus virginianus</i> ) Dietary Toxicity Test (LC50) with GHB119 (Cry2AE) Cottonseed Meal. Project Number: 13798/4130, TX44L001. Unpublished study prepared by Springborn Smithers Laboratories. 60 p.	08/09/2010	Yes	01/26/2022	01/26/2012
48480000	Bayer CropScience LP (2011) Submission of Product Chemistry and Efficacy Data in Support of the Applications for Registration of BCS Cry1Ab Cotton Event T304-40, BCS Cry2Ae Cotton Event GHB119 and BCS TwinLink Cotton Event T304-40 x GHB 119 Cotton, and the Petition for Tolerance of Cry2Ae. Transmittal of 11 Studies.	05/13/2011	Yes	01/26/2022	01/26/2012
48480001	Habex, V.; Verhaeghe, S. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event GHB119 by Southern Blot Analysis. Project Number: BBS07/009, M/308404/02/1. Unpublished study prepared by Bayer BioScience N.V. 43 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480002	Moens, S. (2008) Confirmation of the Absence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BBS06/007, M/311127/02/1. Unpublished study prepared by Bayer BioScience N.V. 40 p.	05/13/2011	Yes	01/26/2022	01/26/2012



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48480003	Moens, S.; Criel, I. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event T304-40. Project Number: BBS07/014, M/311245/03/1. Unpublished study prepared by Bayer BioScience N.V. 62 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480004	Habex, V.; Van Herck, H. (2007) Confirmation of the Absence/Presence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event T304-40: Final Report. Project Number: BBS05/003, M/308400/02/1. Unpublished study prepared by Bayer BioScience N.V. 41 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480005	Currier, T. (2011) Characterization of Cry1Ab and (Inert Ingredient) Proteins Produced in Event T304-40 Cotton, <i>Gossypium hirsutum</i> USA, 2011. Project Number: 10/BM99L508, M/406631/01/1. Unpublished study prepared by Bayer CropScience LP. 31 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480006	Moens, S. (2011) Characterization of Cry2Ae and (Inert Ingredient) Proteins Expressed in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BIO2/005/PROTEQUL/512, M/406615/02/1. Unpublished study prepared by Bayer BioScience N.V. 35 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480007	Currier, T. (2011) Structural Stability Analysis of <i>Gossypium hirsutum</i> Combined Event TwinLink X GlyTol (GHB614): Final Report. Project Number: CP08Q012/2. Unpublished study prepared by Bayer CropScience LP. 34 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480008	Currier, T.; Harbin, A. (2011) Protein Expression Analysis for GlyTol x TwinLink (GHB614 x T304-40 x GHB119) Cotton Grown in the Field, USA 2010. Project Number: 10BM99L440B, M/406245/01/1. Unpublished study prepared by Bayer CropScience LP. 125 p.	05/13/2011	Yes	01/26/2022	01/26/2012



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48480009	Bushey, D.; Jansens, S.; Becker, A. (2010) Insect Bioassay of Plant Material Expressing Cotton Events T304-40, GHB119, and TwinLink (T304-40xGHB119). Project Number: BIO2/005, INSECT/BIOASSAY/FROM/MONHEI M. Unpublished study prepared by Bayer CropScience. 22 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480010	Mullins, W. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Mississippi Cotton Field on Caged Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Events T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480011	Dennehy, T. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Greenhouse on Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Event Plants T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Project Number: BA44Y001. Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012
49033800	Bayer CropScience LP (2013) Submission of Residue Data in Support of the Registrations of of BCS Cry2Ae Cotton Event GHB119, Twinlink Cotton and BCS Cry1Ab Cotton Event T304-40. Transmittal of 2 Studies.	01/10/2013	Yes	01/26/2022	01/26/2012
49033801	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry1Ab in T304-40 Cotton Seed. Project Number: 107/0767, PASC/REP/0287. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012
49033802	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry2Ae in GHB119 Cotton Seed. Project Number: 107/0767, PASC/REP/0288, M/442605/01/1. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47640000	Bayer Cropscience LP (2008) Submission of Product Chemistry, Efficacy, Toxicity, Exposure and Risk and Public Interest Data in Support of the Application for Registration of BCS Twinlink Cotton Event T304-40 x GHB 119 Cotton. Transmittal of 14 Studies.	12/31/2008	Yes	01/26/2022	01/26/2012
47640001	Ferullo J. (2008) Twinlink Product Characterization -Molecular Characterization. Unpublished study prepared by Bayer BioScience N.V. 6 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640002	Jesudason, P. (2008) Product Characterization -Nutritional Characterization of Twinlink. Unpublished study prepared by Bayer Cropscience LP. 8 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640003	Mackie, S. (2008) Protein Expression Analysis for T304-40, GHB119 and Twinlink Transgenic Cotton. Project Number: CP08B002, BBS07/013, BB06/010. Unpublished study prepared by Bayer Cropscience LP. 155 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640004	Martone, A. (2008) Analyses of Raw Agricultural Commodity (Fuzzy Seed) of Twinlink Cotton for PAT/bar, Cry2Ae and Cry 1Ab and its Non-Transgenic Counterpart for PAT/bar, Cry2Ae and Cry1Ab Proteins. Project Number: CY07B008, BTS/0066/06, BBS07/006. Unpublished study prepared by Bayer Cropscience LP. 216 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640005	Martone, A. (2008) Structural and Functional Equivalence of Cry1Ab, Cry2Ae and PAT/bar Proteins Produce in Escherichia coli and Bacillus thuringiensis to the Cry1Ab, Cry2Ae and PAT/bar Proteins from Events T304-40, GHB119 and Twinlink Cotton Seed, Gossypium hirsutum. USA, 2008. Project Number: CP08B011, BTS/0077/08, BBS07/006. Unpublished study prepared by Bayer Cropscience LP. 70 p.	12/31/2008	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47640006	Martone, A. (2008) Structural and Functional Equivalence of Cry1Ab, Cry2Ae and PAT/bar Proteins Produced in <i>Bacillus thuringiensis</i> (Bt) and <i>Escherichia coli</i> to Cry1Ab, Cry2Ae and PAT/bar in Twinlink Cotton, <i>Gossypium hirsutum</i> , USA, 2007. Project Number: CY07B006, BBS07/013, BIOX/001/PROTSUPP/07. Unpublished study prepared by Bayer CropScience LP. 402 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640007	Bushey, D. (2008) Toxicology: Summary Human Health Assessment. Unpublished study prepared by Bayer BioScience N.V. 8 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640008	Chalmers, A. (2008) Summary of Non-Target Organism Testing and Assessment of Risk of Twinlink Cotton Expressing Cry1Ab and Cry2Ae Proteins. Project Number: ECORA3. Unpublished study prepared by Bayer CropScience LP. 17 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640009	Richards, K. (2008) Evaluation of the Dietary Effect(s) of Pollen from Twinlink on Honey Bee Larvae ( <i>Apis mellifera</i> L.) Development. Project Number: EB99X037, CAR/204/08, BTS/0081/08. Unpublished study prepared by California Agricultural Research, Inc. and Bayer CropScience Ecotoxicology Department. 48 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640010	Patnaude, M. (2009) Chronic Toxicity to <i>Collembola</i> ( <i>Folsomia candida</i> ) Using Transgenic Lyophilized Twinlink Cotton Leaf. Project Number: EB99X036, 13798/6223. Unpublished study prepared by Springborn Smithers Laboratories. 40 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640011	Stafford, J. (2008) Broiler Chicken Nutritional Equivalency Study with Twinlink Cotton. Project Number: 13798/4118, TX99X106, M/310302/01/1. Unpublished study prepared by Springborn Smithers Laboratories. 223 p.	12/31/2008	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47640012	Rinehardt, M.; Holloway, J. ; Bushey, D. (2008) Agronomic Performance and Efficacy of Twinlink Cotton Obtained by Conventional Breeding of Cry1Ab Cotton Event T304-40 and Cry2Ae Cotton Event GHB119: 2007-2008 USA Production Seasons. Project Number: 07/044/102N, IR/7D/GH/MR, 07/059104N. Unpublished study prepared by Bayer CropScience LP. 68 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640013	MacIntosh, S.; Bushey, D.; Christian, M.; et al. (2008) Public Interest Document for Bacillus thuringiensis Cry1Ab and Cry2Ae Insecticidal Proteins as Expressed in Combined Trait Cotton (Twinlink Cotton) Plants. Unpublished study prepared by Bayer CropScience LP. 36 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47640014	MacIntosh, S.; Holloway, J.; Jansens, S.; et al. (2008) Insect Resistance Management Plan: Twinlink Cotton. Unpublished study prepared by Bayer CropScience LP. 88 p.	12/31/2008	Yes	01/26/2022	01/26/2012
47871600	Bayer CropScience, LP (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of BCS TwinLink Cotton Event T304-40xGHB 119 Cotton. Transmittal of 6 Studies.	09/29/2009	Yes	01/26/2022	01/26/2012
47871601	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Product Analysis Studies. Unpublished study prepared by Bayer CropScience, LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871602	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Toxicology Studies to Test for Health Effects as Outlined in TwinLink. Unpublished study prepared by Bayer CropScience. 9 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871603	Coats, I. (2009) Request for Waivers from the Requirement to Conduct Certain Nontarget and Environmental Fate Studies to Test for Ecological Effects - TwinLink. Unpublished studies prepared by Bayer CropScience. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47871604	Currier, T. (2009) Protein Expression Analysis for Pat/bar, Cry1Ab and Cry2Ae Proteins in Whole TwinLink Plants Grown in the Field. Project Number: CP09Q005. Unpublished study prepared by Bayer CropScience, LP. 28 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871605	Hunst, P. (2009) Investigation of Synergistic Effects of the Cry1Ab and Cry2Ae Proteins expressed in TwinLink Cotton (BCS-GH004-7 x BCS-GH005-8) on Target Insect Pests Using Leaf Bioassay. Unpublished study prepared by Bayer CropScience, LP. 8 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47871606	Coats, I. (2009) Supplement to MRID # 47640014: Insect Resistance Management Plan: TwinLink Cotton. Unpublished study prepared by Bayer CropScience, LP. 7 p.	09/29/2009	Yes	01/26/2022	01/26/2012
47903100	Bayer CropScience LP (2009) Submission of Toxicity Data in Support of the Application for Registration of BCS TwinLink Cotton Event T304-40 x GHB 119 Cotton. Transmittal of 1 Study.	11/04/2009	Yes	01/26/2022	01/26/2012
47903101	Hunst, P. (2009) Request for Waiver from the Requirement to Conduct an Avian Oral Toxicity Test: TwinLink. Unpublished study prepared by Bayer CropScience LP. 16 p.	11/04/2009	Yes	01/26/2022	01/26/2012
47928800	Bayer CropScience, LP-BioScience. (2009) Submission of Efficacy Data in Support of the Registration of BSC TwinLink Cotton Event T304-40 X GHB 119 Cotton. Transmittal of 1 Study.	12/10/2009	Yes	01/26/2022	01/26/2012
47928801	Coats, I. (2009) Addendum to Product Chemistry for TwinLink: Structural and Functional Equivalence of Cry1Ab and Cry2Ae and PAT/bar Proteins Produced in Bacillus thuringiensis (Bt) and Escherichia coli to Cry1Ab, Cry2Aa and PAT/Bar in TwinLink Cotton, Gossypium hirsutum, USA, 2007: Final Report. Project Number: CY07B006. Unpublished study prepared by Bayer CropScience, LP. 7 p.	12/10/2009	Yes	01/26/2022	01/26/2012

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48177500	Bayer CropScience LP (2010) Submission of Toxicity Data in Support of the Applications for Registration of BCS Twinlink Cotton Event T304-40 X GHB 119 Cotton, BCS Cry 1Ab Cotton Event T304-40, and BCS Cry2Ae Cotton Event GHB119 and the Petition for Tolerance of Cry2Ae. Transmittal of 1 Study.	08/09/2010	Yes	01/26/2022	01/26/2012
48177501	Stafford, J. (2010) Northern Bobwhite ( <i>Colinus virginianus</i> ) Dietary Toxicity Test (LC50) with GHB119 (Cry2AE) Cottonseed Meal. Project Number: 13798/4130, TX44L001. Unpublished study prepared by Springborn Smithers Laboratories. 60 p.	08/09/2010	Yes	01/26/2022	01/26/2012
48480000	Bayer CropScience LP (2011) Submission of Product Chemistry and Efficacy Data in Support of the Applications for Registration of BCS Cry1Ab Cotton Event T304-40, BCS Cry2Ae Cotton Event GHB119 and BCS TwinLink Cotton Event T304-40 x GHB 119 Cotton, and the Petition for Tolerance of Cry2Ae. Transmittal of 11 Studies.	05/13/2011	Yes	01/26/2022	01/26/2012
48480001	Habex, V.; Verhaeghe, S. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event GHB119 by Southern Blot Analysis. Project Number: BBS07/009, M/308404/02/1. Unpublished study prepared by Bayer BioScience N.V. 43 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480002	Moens, S. (2008) Confirmation of the Absence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BBS06/007, M/311127/02/1. Unpublished study prepared by Bayer BioScience N.V. 40 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480003	Moens, S.; Criel, I. (2008) Detailed Insert Characterization of <i>Gossypium hirsutum</i> Transformation Event T304-40. Project Number: BBS07/014, M/311245/03/1. Unpublished study prepared by Bayer BioScience N.V. 62 p.	05/13/2011	Yes	01/26/2022	01/26/2012



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48480004	Habex, V.; Van Herck, H. (2007) Confirmation of the Absence/Presence of Vector Backbone Sequences in <i>Gossypium hirsutum</i> Transformation Event T304-40: Final Report. Project Number: BBS05/003, M/308400/02/1. Unpublished study prepared by Bayer BioScience N.V. 41 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480005	Currier, T. (2011) Characterization of Cry1Ab and (Inert Ingredient) Proteins Produced in Event T304-40 Cotton, <i>Gossypium hirsutum</i> USA, 2011. Project Number: 10/BM99L508, M/406631/01/1. Unpublished study prepared by Bayer CropScience LP. 31 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480006	Moens, S. (2011) Characterization of Cry2Ae and (Inert Ingredient) Proteins Expressed in <i>Gossypium hirsutum</i> Transformation Event GHB119. Project Number: BIO2/005 PROTEQUI 512, M/406615/02/1. Unpublished study prepared by Bayer BioScience N.V. 35 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480007	Currier, T. (2011) Structural Stability Analysis of <i>Gossypium hirsutum</i> Combined Event TwinLink X GlyTol (GHB614): Final Report. Project Number: CP08Q012/2. Unpublished study prepared by Bayer CropScience LP. 34 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480008	Currier, T.; Harbin, A. (2011) Protein Expression Analysis for GlyTol x TwinLink (GHB614 x T304-40 x GHB119) Cotton Grown in the Field, USA 2010. Project Number: 10BM99L440B, M/406245/01/1. Unpublished study prepared by Bayer CropScience LP. 125 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480009	Bushey, D.; Jansens, S.; Becker, A. (2010) Insect Bioassay of Plant Material Expressing Cotton Events T304-40, GHB119, and TwinLink (T304-40xGHB119). Project Number: BIO2/005, INSECT/BIOASSAY/FROM/MONHEI M. Unpublished study prepared by Bayer CropScience. 22 p.	05/13/2011	Yes	01/26/2022	01/26/2012

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48480010	Mullins, W. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Mississippi Cotton Field on Caged Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Events T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48480011	Dennehy, T. (2011) High Dose Study: Estimating the Mortality of <i>Heliothis virescens</i> in a Greenhouse on Plants of T304-40 x GHB119 (TwinLink) Cotton (BCS-GH004-7 x BCS-GH005-8) and Parental Event Plants T304-40 (Cry1Ab) and GHB119 (Cry2Ae). Project Number: BA44Y001. Unpublished study prepared by Bayer CropScience LP. 16 p.	05/13/2011	Yes	01/26/2022	01/26/2012
48495100	Bayer CropScience (2011) Submission of Efficacy Data in Support of the Application for Registration of the TwinLink. Transmittal of 1 Study.	05/31/2011	Yes	01/26/2022	01/26/2012
48495101	Caprio, M. A. (2011) A Risk Assessment of Twinlink Cotton and Tobacco Budworm ( <i>Heliothis virescens</i> ) in the Midsouth. Unpublished study prepared by Mississippi State University. 15 p.	05/31/2011	Yes	01/26/2022	01/26/2012
48839600	Bayer CropScience (2012) Submission of Efficacy Data in Support of the Amended Registration of BCS TwinLink Cotton Event T304 x GHB 119 Cotton. Transmittal of 1 Study.	05/17/2012	Yes	01/26/2022	01/26/2012
48839601	Dennehy, T. (2012) Application to Permit Use of T304-40 x GHB119 (TwinLink) Cotton in the Texas Panhandle (Ten-County Region). Unpublished study prepared by Bayer CropScience LP. 9p.	05/17/2012	Yes	01/26/2022	01/26/2012
48924300	Bayer CropScience LP (2012) Submission of Efficacy Data in Support of the Registration of BCS TwinLink Cotton Event T3404-40 x GHB119 Cotton. Transmittal of 1 Study.	8/30/2012	Yes	01/26/2022	01/26/2012
48924301	Dennehy, T. (2012) Resistance Monitoring Plan for TwinLink (T304-40 x GHB119) Cotton. Unpublished study prepared by Bayer CropScience LP. 53p.	8/30/2012	Yes	01/26/2022	01/26/2012

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49033800	Bayer CropScience LP (2013) Submission of Residue Data in Support of the Registrations of of BCS Cry2Ae Cotton Event GHB119, Twinlink Cotton and BCS Cry1Ab Cotton Event T304-40, Transmittal of 2 Studies.	01/10/2013	Yes	01/26/2022	01/26/2012
49033801	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry1Ab in T304-40 Cotton Seed. Project Number: 107/0767, PASC/REP/0287. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012
49033802	Guo, D. (2012) Independent Laboratory Validation of the Analytical ELISA Method for the Detection of Cry2Ae in GHB119 Cotton Seed. Project Number: 107/0767, PASC/REP/0288, M/442605/01/1. Unpublished study prepared by Primera Analytical Solutions Corporation. 12p.	01/10/2013	Yes	01/26/2022	01/26/2012
49192700	Bayer CropScience (2013) Submission of Product Chemistry Data in Support of the Registration of TwinLink Cotton. Transmittal of 1 studies.	08/07/2013	Yes	01/26/2022	01/26/2012
49192701	Payne, G. ; Piper, S. ; Dennehy, T. ; et al. (2013) Baseline Suceptibility of Bollworm ( <i>Helicoverpa zea</i> ) and Tobacco Budworm ( <i>Heliothis virescens</i> ) Larvae to <i>Bacillus thuringiensis</i> Cry1Ab and Cry2Ae Proteins--2012. Unpublished study prepared by Bayer CropScience LP and University of West Georgia. 15p.	08/07/2013	Yes	01/26/2022	01/26/2012
49459400	Bayer CropScience LP (2014) Submission of Efficacy Data in Support of the Registration of TwinLink(TM) Cotton. Transmittal of 1 Study.	08/29/2014	Yes	01/26/2022	01/26/2012
49459401	Payne, G.; Piper, S.; Dennehy, T.; et al. (2014) Baseline Susceptibility of Cotton Bollworm ( <i>Helicoverpa zea</i> ) and Tobacco Budworm ( <i>Heliothis virescens</i> ) Larvae to <i>Bacillus thuringiensis</i> Cry 1 Ab and Cry 2 Ae Proteins-2013: Final Reprot. Unpublished study prepared by University of West Georgia and Bayer CropScience LP. 18p.	08/29/2014	Yes	01/26/2022	01/26/2012

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49554200	Bayer CropScience LP (2015) Submission of Product Chemistry Data in Support of the Registration of TwinLink Cotton. Transmittal of 1 Study.	01/28/2015	Yes	01/26/2022	01/26/2012
49554201	Sansone, C.; Lund, V.; Mixson, J.; et al. (2015) 2014 Insect Resistance Management (IRM) Compliance Assurance Program Report for TwinLink (T304-40 x GHB119) Cotton. Project Number: TL/CAP/2014. Unpublished study prepared by Bayer CropScience LP. 67p.	01/28/2015	Yes	01/26/2022	01/26/2012
49710200	Bayer CropScience LP (2015) Submission of Pesticide Use Data in Support of the Registration of TwinLink Cotton. Transmittal of 2 Studies.	08/31/2015	Yes	01/26/2022	01/26/2012
49710201	Sansone, C. (2015) Susceptibility of Cotton Lepidopteran Pests to TwinLink: 2014 Monitoring Results. Unpublished study prepared by Bayer CropScience LP. 12p.	08/31/2015	Yes	01/26/2022	01/26/2012
49710202	Tabashnik, B. (2015) Susceptibility of Pink Bollworm to Bt Toxin Cryl Ac: 2014. Unpublished study prepared by University of Arizona. 6p.	08/31/2015	Yes	01/26/2022	01/26/2012
49826200	Bayer CropScience LP (2016) Submission of Pesticide Use Data in Support of the Registration of TwinLink(TM) (T304-40 x GHB119) Cotton. Transmittal of 1 Study.	01/28/2016	Yes	01/26/2022	01/26/2012
49826201	Mixson, J.; Sansone, C. (2016) 2015 Insect Resistance Management (IRM) Compliance Assurance Program Report for TwinLink(TM) (T304-40 x GHB119) Cotton. Project Number: TL/CAP/2015. Unpublished study prepared by Bayer CropScience LP. 13p.	01/28/2016	Yes	01/26/2022	01/26/2012
50168100	Bayer CropScience LP (2017) Submission of Pesticide Use Data in Support of the Registration of TwinLink(TM). Transmittal of 1 Study.	1/24/2017	Yes	01/26/2022	01/26/2012
50363300	Bayer CropScience LP (2017) Submission of Efficacy Data in Support of the Amended Registrations of T304-40 X GHB119 X COT102 and TwinLink Cotton. Transmittal of 1 Study.	8/29/2017	Yes	01/26/2022	01/26/2012

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50363301	Payne, G.; Dennehy, T.; Sansone, C. (2017) Unusual Survival Report: Susceptibility of Bollworm ( <i>Helicoverpa zea</i> ) to Cry2Ae and Cry1Ab <i>Bacillus thuringiensis</i> (Bt) Proteins ---2016. Unpublished study prepared by Bayer CropScience LP and University of West Georgia. 15p.	8/29/2017	Yes	01/26/2022	01/26/2012
50496400	Bayer CropScience LP (2018) Submission of Pesticide Use Data in Support of the Registration of T304-40 X GHB119 X COT102. Transmittal of 1 Study.	1/17/2018	Yes	01/26/2022	01/26/2012
50496401	Sanson, C. ; Reese, V. ; Mixon, J. ; et al. (2018) 2017 Insect Resistance Management (IRM) Compliance Assurance Program Report for TwinLink (T301-40 x GHB119) Cotton and TwinLink Plus (T304-40 x GHB119 x COT102) Cotton. Project Number: TL/CAP/2017. Unpublished study prepared by Bayer CropScience LP. 13p.	1/17/2018	Yes	01/26/2022	01/26/2012
49460300	Bayer CropScience LP (2014) Submission of Exposure & Risk, Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of GHB614 x T304-40 x GHB119 x COT102 Cotton. Transmittal of 9 Studies.	09/03/2014	Yes	06/19/2025	06/19/2015
49460301	Hunst, P. (2014) Human Health and Environmental Assessment of the Plant-Incorporated Protectants Cry1Ab, Cry2Ae and Vip3Aa19 Proteins as Produced in GHB614 x T304-40 x GHB119 x COT102 Cotton. Project Number: M/493693/01/1, M/493184/01/1, M/479756/01/1. Unpublished study prepared by Bayer Crop Science LP. 18p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460302	Peeters, K. (2014) Structural Stability Analysis of <i>Gossypium hirsutum</i> GHB614 x T304-40 x GHB119 x COT102: Final Report. Project Number: M/487760/01/1, BBS13/031, M/257571/01/1. Unpublished study prepared by Bayer CropScience N.V. 42p.	09/03/2014	Yes	06/19/2025	06/19/2015



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49460303	Chapman, K.; Wu, A. (2014) GHB614 x T304-40 x GHB119 x COT102 Cotton-Production and Protein Expression Analysis of Field Samples Grown in the USA During 2013; Final Report. Project Number: 13/RSWSN082, M/493184/01/1. Unpublished study prepared by Bayer CropScience LP. 248p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460304	Patnaude, M. (2014) GHB614 x T304-40 x GHB119 x COT102 (GLT x COT102) Cotton Pollen- 21-Day Survival of Honey Bee Larvae, <i>Apis mellifera</i> L., During in Vitro Exposure. Project Number: EBWSN002, 13798/6328, M/479756/01/1. Unpublished study prepared by Smithers Viscient Laboratories. 44p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460305	Frommholz, U. (2014) GHB614 x T304-40 x GHB119 x COT102 (BCS-GH002-5 x BCS-GH004-7 x BCS-GH005-8 x SYN-IR102-7): Influence on the Reproduction of the Collembolan Species <i>Folsomia candida</i> : Final Report. Project Number: E/314/4526/5, MEWST005, M/479806/01/1. Unpublished study prepared by Bayer CropScience AG. 27p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460306	Waibel, J. (2014) Laboratory Study to Evaluate the Effect of a Mixture of Cry1Ab, Cry2Ae and Vip3Aa19 Proteins on the Tobacco Budworm <i>Heliothis virescens</i> (Lepidoptera: Noctuidae) Using an Overlay Assay: Final Report. Project Number: CW14/030, RSWSN092, M/494721/02/1. Unpublished study prepared by Bayer CropScience AG. 19p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460307	Greene, J. (2014) Bioefficacy of GHB614 x T304-40 x GHB119 x COT102 (GLT x COT102) Cotton and Parent Component Lines in Comparison to a Non-Transgenic Cotton Variety: Final Report. Project Number: 13/IRMGLTC02, M/489062/01/1. Unpublished study prepared by Clemson University Edisto Research and Education Center. 14p.	09/03/2014	Yes	06/19/2025	06/19/2015



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49460308	Sansone, C. (2014) High Dose Study- Estimating the Mortality of <i>Heliothis virescens</i> and <i>Helicoverpa zea</i> in a Glasshouse on GHB614 x COT102 x T304-40 x GHB119 (GLT x COT102) Cotton: Final Report. Project Number: 13/IRMGLTC01, M/494293/01/1, BA44Y001. Unpublished study prepared by Bayer Crop Science LP. 15p.	09/03/2014	Yes	06/19/2025	06/19/2015
49460309	Sansone, C. (2014) Insect Resistance Management Plan for Plant Incorporated Protectants Cry1Ab, Cry2Ae and Vip3Aa19 Proteins as Produced in GHB614 x T304-40 x GHB119 x COT102 Cotton. Project Number: M/495069/01/1, M/493184/01/1, M/489062/01/1. Unpublished study prepared by Bayer Crop Science LP. 24p.	09/03/2014	Yes	06/19/2025	06/19/2015
49634400	Bayer CropScience LP (2015) Submission of Product Chemistry Data in Support of the Application for Registration of GHB614 x T304-40 x GHB119 x COT102 Cotton. Transmittal of 2 Studies.	05/15/2015	Yes	06/19/2025	06/19/2015
49634401	Criel, I. (2015) Characterization of the Recombinant Cry2Ae Protein Batch 1403_Cry2Ae Final Report. Project Number: 14/RSWYS001/D, RSWYS001, BIOX/004/SEQUENCE/946. Unpublished study prepared by Bayer CorpScience N.V. - Innovation Center Seed & Trait Safety. 46p.	05/15/2015	Yes	06/19/2025	06/19/2015
49634402	Criel, I. (2015) Comparability of the Recombinant Cry2Ae Protein Batch VMLV1041-1 to the Recombinant Cry2Ae Protein Batch 1403_Cry2Ae. Project Number: 15/RSWYS001/F1, RSWYS001, 14/RSWYS001/D. Unpublished study prepared by Bayer CropScience N.V. - Innovation Center Seed & Trait Safety. 16 p.	05/15/2015	Yes	06/19/2025	06/19/2015
49673200	Bayer CropScience LP (2015) Submission of Toxicity Data in Support of the Amended Registration of T304-40 x GHB119 x COT102 Cotton. Transmittal of 1 Study.	07/16/2015	Yes	06/19/2025	06/19/2015

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49673201	Sansone, C. (2015) Application to Permit Use of T304-40 x GHB119 x COT102 Cotton in the Texas Panhandle (Ten-County Region). Unpublished study prepared by Bayer CropScience LP. 8p.	07/16/2015	Yes	06/19/2025	06/19/2015
50145600	Bayer CropScience LP (2016) Submission of Pesticide Use, Residue and Toxicity Data in Support of the Experimental Use of an Inert Ingredient. Transmittal of 28 Studies.	12/23/2016	No	N/A	N/A
50145601	Van Hoecke, A. (2016) Preliminary Insert Characterization of GMB471 and GMB151 Soybean. Project Number: 15/RSVLT082. Unpublished study prepared by Bayer CropScience N.V. 35p.	12/23/2016	No	N/A	N/A
50145602	Peeters, K. (2016) Description of Vector pSZ8832: Final Report. Project Number: BIO/271/VECTDESCRIPT/450. Unpublished study prepared by Bayer CropScience N.V. 10p.	12/23/2016	No	N/A	N/A
50145603	Helleboid, S. (2016) Description of the Cry14Ab-1 Protein. Project Number: 16/RSKIT077. Unpublished study prepared by Bayer CropScience N.V. 16p.	12/23/2016	No	N/A	N/A
50145604	Helleboid, S. (2016) Description of the HPPD-4 Protein. Project Number: 16/RSFAN134. Unpublished study prepared by Bayer CropScience N.V. 19p.	12/23/2016	No	N/A	N/A
50145605	Helleboid, S. (2016) Description of the Amino Acid Sequence of the Cry14Ab-1 Protein. Project Number: BIOX/023/SEQUENCE/1057. Unpublished study prepared by Bayer CropScience N.V. 7p.	12/23/2016	No	N/A	N/A
50145606	Helleboid, S. (2016) Description of the Amino Acid Sequence of the HPPD-4 Protein. Project Number: BIOX/028/SEQUENCE/963. Unpublished study prepared by Bayer CropScience N.V. 6p.	12/23/2016	No	N/A	N/A

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50145607	Budziszewski, G. (2016) Protein Expression Analysis of Cry14Ab-1 and HPPD-4 in GMB11 and GMB471 Soybean Leaves and Roots. Project Number: RSVLS010/15A. Unpublished study prepared by Bayer CropScience LP. 16p.	12/23/2016	No	N/A	N/A
50145608	Budziszewski, G. (2016) Protein Expression Analysis of Cry14Ab-1 and HPPD-4 in GMB151 and GMB471 Soybean Seeds. Project Number: RSVLS010/15B. Unpublished study prepared by Bayer CropScience LP. 15p.	12/23/2016	No	N/A	N/A
50145609	Vigeolas, H. (2016) Final Report: Characterization of Cry14Ab-1 and HPPD-4 Proteins Expressed in GMB151 and GMB471 Soybean. Project Number: 15/RSVLS012. Unpublished study prepared by Bayer CropScience N.V. 27p.	12/23/2016	No	N/A	N/A
50145610	Jiang, X. (2016) Final Report: Functional Comparability of the Recombinant Cry14Ab-1 Protein Batches 1309_Cry14Ab-1, 1506_Cry14Ab-1, and 1514_Cry14Ab-1. Project Number: 16/RSBS0015. Unpublished study prepared by Bayer CropScience LP. 15p.	12/23/2016	No	N/A	N/A
50145611	Schouppe, D. (2014) Comparability of the Recombinant HPPD-4 Protein Batch 1338_HPPD-4 and the Recombinant HPPD-4 Protein Batch 1305_HPPD4Pa. Project Number: 14/RSFAN155/F. Unpublished study prepared by Bayer CropScience N.V. 20p.	12/23/2016	No	N/A	N/A
50145612	Ranjan, R. (2016) Final Report: Cry14Ab-1 Protein: Amino Acid Sequence Homology Search with Known Allergens and Known Toxins. Project Number: TXQHS001. Unpublished study prepared by Bayer CropScience LP. 53p.	12/23/2016	No	N/A	N/A
50145613	Totis, M. (2014) Final Report: Cry14Ab-1 Protein In Vitro Digestibility Study in Human Simulated Gastric Fluid at pH 1.2. Project Number: SA/12184. Unpublished study prepared by Bayer CropScience. 37p.	12/23/2016	No	N/A	N/A

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50145614	Muhamedi, A. (2016) Final Report: Cry14Ab-1 Protein: Acute Toxicity Study by Oral Gavage in Mice. Project Number: SA/15055. Unpublished study prepared by Bayer CropScience. 64p.	12/23/2016	No	N/A	N/A
50145615	Serrano, H. (2016) Final Report: The Effect of Temperature on Cry14Ab-1 as Assesed by the Caenorhabditis elegans - Fluorescence Bioassay. Project Number: 16/RSKIN060. Unpublished study prepared by Bayer CropScience LP. 16p.	12/23/2016	No	N/A	N/A
50145616	Ranjan, R. (2016) HPPD-4 Protein: Amino Acid Sequence Homology Search with Known Allergens and Known Toxins. Project Number: TXFAN067. Unpublished study prepared by Bayer CropScience LP. 65p.	12/23/2016	No	N/A	N/A
50145617	Totis, M. (2014) Final Report: HPPD-4 Protein - In Vitro Digestibility Study in Human Simulated Gastric Fluid at pH 1.2. Project Number: SA/12187. Unpublished study prepared by Bayer CropScience. 37p.	12/23/2016	No	N/A	N/A
50145618	Blanck, M. (2016) Final Amended Report: HPPD-4 Protein - Acute Toxicity Study by Oral Gavage in Mice. Project Number: SA/13318. Unpublished study prepared by Bayer CropScience. 64p.	12/23/2016	No	N/A	N/A
50145619	Miller, K. (2016) The Effect of Temperature on HPPD-4, Assessed by the HPPD-4 Quantitative Activity Assay. Project Number: 14/RSFAN119, 8309/808. Unpublished study prepared by Covance Laboratories, Inc. 30p.	12/23/2016	No	N/A	N/A
50145620	Patnaude, M. (2014) A Dietary Study to Determine the Effects of Cry14Ab-1 on the Predatory Beetle Coleomegilla maculata. Project Number: 13798/6362, EBKIN006. Unpublished study prepared by Smithers Viscient Laboratories. 33p.	12/23/2016	No	N/A	N/A
50145621	Scmitzer, S. (2013) Final Report: Effects of Cry14Ab-1 Protein (Acute Oral Test) on Honey Bees (Apis mellifera L.) in the Laboratory. Project Number: EBKIN001, 83411035. Unpublished study prepared by Bayer CropScience. 31p.	12/23/2016	No	N/A	N/A

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50145622	Waibel, J. (2013) Cry14Ab-1 <i>Bacillus thuringiensis</i> : A Dietary Study with the Green Lacewing <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae). Project Number: CW13/042, EBKIN005. Unpublished study prepared by Bayer CropScience GmbH. 21p.	12/23/2016	No	N/A	N/A
50145623	Przygoda, D. (2015) Final Report: Cry14Ab-1 Protein: Effects of a Repeated Exposure to Spiked Diet on Honey Bee Larvae ( <i>Apis mellifera</i> ) in an In Vitro Laboratory Testing Design. Project Number: E/318/4807/1, EBKIS002. Unpublished study prepared by Bayer CropScience. 44p.	12/23/2016	No	N/A	N/A
50145624	Kuhl, K. (2014) Final Report: Influence of Cry14Ab-1 Protein on Development and Reproductive Output of the Waterflea <i>Daphnia magna</i> in a Static Renewal Laboratory Test System. Project Number: E/321/3458/6, EBKIN003. Unpublished study prepared by Bayer CropScience. 63p.	12/23/2016	No	N/A	N/A
50145625	Frommholz, U. (2013) Final Report: Cry14Ab-1 Protein: Influence on the Reproduction of the Collembolan Species <i>Folsomia candida</i> Tested on Artificial Substrate. Project Number: E/314/4493/8, EBKIN007. Unpublished study prepared by Bayer CropScience. 28p.	12/23/2016	No	N/A	N/A
50145626	Kratz, M. (2012) Amendment Number 1 to Cry14Ab-1 Protein: Acute Toxicity to Earthworms ( <i>Eisenia fetida</i> ) Tested in Artificial Soil. Project Number: E/310/4565/4, EBKIN004. Unpublished study prepared by Bayer CropScience. 5p.	12/23/2016	No	N/A	N/A
50145627	Hahne, J.; Breuer-Rehm, M. (2016) Final Report: Acute Oral Limit-Test Toxicity of Cry14Ab-1 to Bobwhite Quail ( <i>Colinus virginianus</i> ). Project Number: M2902415/3, EBKIN008. Unpublished study prepared by Bayer CropScience. 36p.	12/23/2016	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVIE USE START*
50145628	Cheever, M. (2016) Final Report: Analysis of Cry14Ab-1 Protein Concentrations in Non-target Organism Diets. Project Number: 15/RSKIN075/B. Unpublished study prepared by Bayer CropScience LP. 21p.	12/23/2016	No	N/A	N/A
46455100	Bayer CropScience LP (2005) Submission of Product Chemistry, Toxicity, Fate, Residue, Environmental Fate, Efficacy, Exposure and Risk Data in Support of the Experimental Use of Bacillus thuringiensis Subsp. berliner Cry1Ab Insecticidal Protein in Cotton. Transmittal of 8 Studies.	01/25/2005	No	N/A	N/A
46455102	Scott, A. (2005) Experimental Use Permit Request for Bacillus thuringiensis Subsp. berliner Cry1Ab Insecticidal Protein as Expressed in Cotton Plants. Unpublished study prepared by Bayer CropScience LP and Hoechst Aktiengesellschaft and Institut fuer Bodenbiologie Bundesforschung fuer Landwirtschaft. 84 p.	01/25/2005	No	N/A	N/A
46455105	Herouet, C. (2002) Phosphinothricin Acetyltransferase (PAT) bar Gene Product: Overall Amino Acid Sequence Homology Search with Known Toxins and Allergens. Project Number: SA02198, 605587, C/024579. Unpublished study prepared by Bayer Cropscience. 82 p.	01/25/2005	No	N/A	N/A
46455106	Herouet, C. (2002) Phosphinothricin Acetyltransferase (PAT) bar Gene Product: Epitope Homology and Glycosylation Searches. Project Number: SA02199, 605588, C/024581. Unpublished study prepared by Bayer Cropscience. 46 p.	01/25/2005	No	N/A	N/A
46455107	Esdaile, D. (2002) Phosphinothricin Acetyltransferase (PAT) bar Gene Product: In Vitro Digestibility Study in Simulated Gastric Fluid. Project Number: SA/02173, 605586. Unpublished study prepared by Bayer Cropscience. 39 p.	01/25/2005	No	N/A	N/A



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46455108	Esdaile, D. (2002) Phosphinotricin Acetyltransferase (PAT) bar Gene Product: In Vitro Digestibility Study in Simulated Intestinal Fluid. Project Number: SA/02174, 605627. Unpublished study prepared by Bayer CropScience. 43 p.	01/25/2005	No	N/A	N/A
46455109	Kennel, P. (2003) PAT (Phosphoacetyl Transferase) Protein Derived from bar Gene: Acute Toxicity by Intravenous Injection in the Mouse. Project Number: SA/01352, 605512, C/021395. Unpublished study prepared by Bayer CropScience. 52 p.	01/25/2005	No	N/A	N/A
46455110	Scott, A. (2005) Experimental Use Permit Request for Bacillus thuringiensis Subsp. berliner CryIAb Insecticidal Protein as Expressed in Cotton Plants. Unpublished study prepared by Bayer CropScience LP and Jellinek, Schwartz, Connolly & Freshman, and Monsanto Agricultural Co. 43 p.	01/25/2005	No	N/A	N/A
46455112	Scott, A. (2005) Experimental Use Permit Request for Bacillus thuringiensis Subsp. berliner CryIAb Insecticidal Protein as Expressed in Cotton Plants. Unpublished study prepared by Bayer CropScience LP, New York University and ManTech Environmental Research Services Corp. 234 p.	01/25/2005	No	N/A	N/A
46474400	Bayer CropScience (2005) Submission of Toxicity Data in Support of the Experimental Use of Bacillus thuringiensis Berliner in Cotton Plants. Transmittal of 6 Studies.	02/18/2005	No	N/A	N/A
46474401	Jansens, S.; Rouan, D. (2004) Characteristics of CryAb Cotton Plants Derived From Transformation Events Number T303-3 and T304-40: Preliminary Report. Project Number: CRYIAB/COTTON/EUP. Unpublished study prepared by Bayer CropScience LP. 9 p.	02/18/2005	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46474402	Herouet, C. (2004) CRY1AB Protein: Overall Amino Acid Sequence: Homology Search with Known Toxins and Allergens. Project Number: SA04254, C045650, TX99X020. Unpublished study prepared by Bayer Ag, Institute of Product Info. 494 p.	02/18/2005	No	N/A	N/A
46474403	Herouet, C. (2004) Cry1Ab Protein: Epitope Homology Search. Project Number: C045651, SA/04255, TX99X020. Unpublished study prepared by Bayer Ag. 187 p.	02/18/2005	No	N/A	N/A
46474404	Saey, B.; Jansens, S. (2004) PAT and Cry1Ab Protein in Cotton Tissues of T303-3 and T304-40 Events: Preliminary Report. Unpublished study prepared by Bayer CropScience LP. 11 p.	02/18/2005	No	N/A	N/A
46474405	Williams, D.; Jansens, S. (2004) Preliminary Efficacy Report of Cry1Ab Cotton Plants Derived From Transformation Events Number T303-3 and T304-40. Project Number: CRY1AB/COTTON/EUP. Unpublished study prepared by Bayer CropScience LP. 13 p.	02/18/2005	No	N/A	N/A
46474406	Van Rie, J. (2004) Comparative Analysis of the Cry1Ab Protein Amino Acid Sequences. Unpublished study prepared by Bayer CropScience LP. 13 p.	02/18/2005	No	N/A	N/A
46600900	Bayer CropScience (2005) Submission of Product Chemistry, Toxicity, Residue, and Efficacy Data in Support of the Experimental Use of Bacillus thuringiensis GEM2 Insecticidal Crystal Protein on Cotton. Transmittal of 7 Studies.	07/20/2005	No	N/A	N/A
46600901	Jansens, S.; Rouan, D. (2005) Characteristics of GEM2 Cotton Plants Derived From Transformation Events GHB119, GHB714 and GHB866: Preliminary Report. Unpublished study prepared by Bayer CropScience LP. 20 p.	07/20/2005	No	N/A	N/A
46600902	Habex, V. (2005) Description of the Amino Acid Sequence of the GEM2 Protein. Project Number: GEM2/AAS/01. Unpublished study prepared by Bayer CropScience LP. 5 p.	07/20/2005	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46600904	Rouquie, D. (2005) GEM2 Protein: Epitope Homology and N-Glycosylation Searches. Project Number: B004974, SA/05134, TX99S006. Unpublished study prepared by Bayer CropScience LP. 195 p.	07/20/2005	No	N/A	N/A
46600907	Currier, T. C. (2005) Analysis to Determine if the GEM2 Protein from Cotton Leaves is Glycosylated. Project Number: BK05B003, B004964. Unpublished study prepared by Bayer CropScience LP. 30 p.	07/20/2005	No	N/A	N/A
46600908	Herouet C.; Esdaile, D.; Mallyon, B.; et. al.; (2005) Safety Evaluation of the Phosphinothricin Acetyltransferase Proteins Encoded by the Pat and Bar Sequences that Confer Tolerance to Glufosinate-ammonium Herbicide in Transgenic Plants. Regulatory Toxicology and Pharmacology 41(2005):134-149.	07/20/2005	No	N/A	N/A
46600909	Saey, B.; Jansens, S. (2005) PAT and GEM2 Protein in Cotton Tissues of Events GHB119, GHB714 and GHB866. Preliminary Report. Unpublished study prepared by Bayer CropScience LP. 12 p.	07/20/2005	No	N/A	N/A
46600910	Scott, A. (2005) Experimental Use Permit Request for Bacillus thuringiensis GEM2 Insecticidal crystal Protein as Expressed in Cotton Plants. Unpublished study prepared by Bayer CropScience LP. 19 p.	07/20/2005	No	N/A	N/A
46640200	Bayer CropScience LP (2005) Submission of Product Chemistry, Efficacy, and Toxicity Data in Support of the Experimental Use of GEM2 Insecticidal Crystal Protein in/on Cotton. Transmittal of 4 Studies.	09/08/2005	No	N/A	N/A
46640201	Rouquie, D. (2005) GEM2 Protein: Overall Amino Acid Sequence: Homology Search with Known Toxins and Allergens. Project Number: B004973, SA/05133, TX99S005. Unpublished study prepared by Bayer CropScience LP. 122 p.	09/08/2005	No	N/A	N/A
46640202	Rouquie, D. (2005) GEM2 Protein: In Vitro Digestibility Study in Simulated Gastric Fluid. Project Number: SA/05032. Unpublished study prepared by Bayer CropScience LP. 51 p.	09/08/2005	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46640203	Rouquie, D. (2005) GEM2 Protein: Acute Toxicity By Intravenous Injection in the Mouse. Project Number: B004972, SA/05033. Unpublished study prepared by Bayer CropScience LP. 84 p.	09/08/2005	No	N/A	N/A
46640204	Williams, D.; Jansens, S. (2005) Preliminary Efficacy Report of GEM2 Cotton Plants Derived From Transformation Events GHB119, GHB714 and GHB866. Unpublished study prepared by Bayer CropScience LP. 12 p.	09/08/2005	No	N/A	N/A
46675900	Bayer CropScience LP (2005) Submission of Product Chemistry Data in Support of the Experimental Use of BCS GEM2 on Cotton. Transmittal of 1 Study.	10/26/2005	No	N/A	N/A
46675902	Habex, V.; Van Rie, J. (2005) Comparison of the Amino Acid Sequence of the GEM2 Protein with the Wild Type GEM2 Protein Expressed in <i>B. thuringiensis</i> subspecies <i>dakota</i> . Unpublished study prepared by Aventis CropScience N.V. 7 p.	10/26/2005	No	N/A	N/A
46708800	Bayer CropScience LP (2005) Submission of Product Chemistry and Efficacy Data in Support of the Experimental Use of Cry1Ab for Use on Cotton. Transmittal of 6 Studies.	12/12/2005	No	N/A	N/A
46708801	Jansens, S.; Rouan, D. (2004) Characteristics of Cry1Ab Cotton Plants Derived from Transformation Events Number T303-3 and T304-40. Preliminary Report. Unpublished study prepared by Aventis CropScience N.V. 42 p.	12/12/2005	No	N/A	N/A
46708802	Herouet, C. (2004) Cry1Ab Protein: Overall Amino Acid Sequence Homology Search with Known Toxins and Allergens. Project Number: SA04254, TX99X020, C045650. Unpublished study prepared by Bayer CropScience. 487 p.	12/12/2005	No	N/A	N/A
46708803	Herouet, C. (2004) Cry1Ab Protein: Epitome Homology Search. Project Number: SA/04255, TX99X020, C045651. Unpublished study prepared by Bayer CropScience. 182 p.	12/12/2005	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46708804	Saey, B.; Jansens, S. (2004) PAT and Cry1Ab Protein in Cotton Tissues of T303-3 and T304-40 Events. Preliminary Report. Unpublished study prepared by Aventis Cropscience N.V. 8 p.	12/12/2005	No	N/A	N/A
46708805	Williams, D.; Jansens, S. (2004) Preliminary Efficacy Report of Cry1Ab Cotton Plants Derived from Transformation Events Number T303-3 and T304-40. Unpublished study prepared by Aventis Cropscience N.V. 6 p.	12/12/2005	No	N/A	N/A
46708806	Van Rie, J. (2004) Comparative Analysis of the Cry1Ab Protein Amino Acid Sequences. Unpublished study prepared by Aventis Cropscience N.V. 10 p.	12/12/2005	No	N/A	N/A
46708900	Bayer Cropscience LP (2005) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Experimental Use of Cry2Ae for Use on Cotton. Transmittal of 9 Studies.	12/12/2005	No	N/A	N/A
46708901	Jansens, S.; Rouan, D. (2005) Characteristics of Cry2Ae Cotton Plants Derived From Transformation Events GHB119 and GHB714. Preliminary Report. Unpublished study prepared by Aventis Cropscience N.V. 24 p.	12/12/2005	No	N/A	N/A
46708902	Habex, V. (2005) Description of the Amino Acid Sequence of the Cry2Ae Protein. Project Number: GEM2/AAS/01. Unpublished study prepared by Aventis Cropscience N.V. 5 p.	12/12/2005	No	N/A	N/A
46708903	Rouquie, D. (2005) Cry2Ae (GEM2) Protein: Overall Amino Acid Sequence Homology Search with Known Toxins and Allergens. Project Number: SA/05133, TX99S005, B004973. Unpublished study prepared by Bayer Cropscience. 120 p.	12/12/2005	No	N/A	N/A
46708904	Rouquie, D. (2005) Cry2Ae (GEM2) Protein: Epitome Homology and N-Glycosylation Searches. Project Number: SA/05134, TX99S006, B004974. Unpublished study prepared by Bayer Cropscience. 192 p.	12/12/2005	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
46708905	Rouquie, D. (2005) Cry2Ae (GEM2) Protein: In Vitro Digestibility Study in Simulated Gastric Fluid. Project Number: SA/05032. Unpublished study prepared by Bayer Cropscience. 44 p.	12/12/2005	No	N/A	N/A
46708906	Rouquie, D. (2005) Cry2Ae (GEM2) Protein: Acute Toxicity by Intravenous Injection in the Mouse. Project Number: SA/05033, B004972. Unpublished study prepared by Bayer Cropscience. 80 p.	12/12/2005	No	N/A	N/A
46708907	Currier, T. (2005) Analysis to Determine if the Cry2Ae (GEM2) Protein from Cotton Leaves in Glycosylated. Project Number: BK05B003, B004964. Unpublished study prepared by Bayer Cropscience LP. 28 p.	12/12/2005	No	N/A	N/A
46708908	Saey, B.; Jansens, S. (2005) PAT Cry2Ae Protein in Cotton Tissues of Events GHB119 and GHB714: Preliminary Report. Unpublished study prepared by Aventis Cropscience N.V. 9 p.	12/12/2005	No	N/A	N/A
46708909	Williams, D.; Jansens, S. (2005) Preliminary Efficacy Report of Cry2Ae Cotton Plants Derived from Transformation Events GHB119 and GHB714. Unpublished study prepared by Aventis Cropscience N.V. 6 p.	12/12/2005	No	N/A	N/A
47076900	Bayer Cropscience LP. (2007) Submission of Toxicity Data in Support of the Experimental Use of Bacillus thuringiensis Cry1Ab and Bacillus thuringiensis Cry2Ae for Use on Cotton. Transmittal of 2 Studies.	03/07/2007	No	N/A	N/A
47076902	Rouque, D. (2006) Cry2Ae (GEM2) Protein: Acute Toxicity by Oral Gavage in Mice. Project Number: SA/06235, BBS06/010. Unpublished study prepared by Bayer Cropscience. 62 p.	03/07/2007	No	N/A	N/A
47125100	Bayer CropScience LP. (2007) Submission of Product Chemistry and Fate Data in Support of the Experimental Use of Bacillus thuringiensis Cry2Ae Insecticide Protein in Cotton. Transmittal of 2 Studies.	05/01/2007	No	N/A	N/A



MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
47125101	Jansens, S.; Rouan, D.; Habex, V. (2006) Characteristics of Cry2Ae Cotton Plants Derived from Transformation Events GHB119 and GHB714: Preliminary Report and Supplemental Information. Unpublished study prepared by Aventis CropScience N.V. 29 p.	05/01/2007	No	N/A	N/A
47125102	Rouquie, D. (2007) Cry2Ae (GEM2) Protein: In Vitro Digestibility Study in Simulated Gastric Fluid. Project Number: SA/07101, TX99L005, M/287164/01/1. Unpublished study prepared by Bayer CropScience. 42 p.	05/01/2007	No	N/A	N/A
47171700	Bayer CropScience (2007) Submission of Residue Data in Support of the Experimental Use of Bacillus thuringiensis Cry1Ab Insecticidal Protein on Cotton Plants. Transmittal of 1 Study.	07/05/2007	No	N/A	N/A
47171701	Hayes, R. (2007) Final Field Report for 2006 Season of Bacillus thuringiensis Cry1Ab Insecticidal Protein as Expressed in Cotton Plants. Project Number: 264/EUP/140. Unpublished study prepared by Bayer CropScience. 6 p.	07/05/2007	No	N/A	N/A
47850300	Bayer CropScience, LP (2009) Submission of Environmental Fate Data in Support of the Experimental Use of TwinLink Cotton on Cotton Plants. Transmittal of 1 Study.	09/11/2009	No	N/A	N/A
47850301	Coats, I. (2009) TwinLink Cotton (BCS-GH004-7 x BCS-GH005-8): Investigation of Pollen Flow in Puerto Rico. Unpublished study prepared by Bayer CropScience, LP. 24 p.	09/11/2009	No	N/A	N/A
48166300	Bayer CropScience LP-BioScience (2010) Submission of Efficacy Data in Support of the Experimental Use of Bacillus thuringiensis Cry2Ae Insecticidal Protein and Bacillus thuringiensis Cry1Ab and Cry2Ae Insecticidal Proteins on Cottons. Transmittal of 1 Study.	07/28/2010	No	N/A	N/A
48166301	Bushey, D.; Acker, T.; Price, K.; et al. (2010) TwinLink Cotton (BCS-GH004-7 x BCS-GH005-8): Investigation of Pollen Flow in Puerto Rico: Year 2: 2009-2010. Project Number: M/386577/01/1. Unpublished study prepared by Bayer CropScience. 21 p.	07/28/2010	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
48427900	Bayer CropScience (2011) Submission of Efficacy Data in Support of the Experimental Use of T304-40 x GHB119 x COT102 x COT67B in Cotton. Transmittal of 1 Study.	03/22/2011	No	N/A	N/A
48427901	Robinson, T. (2011) Cry1Ab, Cry2Ae, PAT/bar, FLCry1Ab, Vip3Aa, APH4 Levels in Selected Tissues of the Combined Trait Product T304-40 x GHB119 x COT102 x COT67B (BCS-GH004-7 x BCS- GH005-8 x SYN-IR102-7 x SYN-IR067-1). Project Number: 10/BM45L001. Unpublished study prepared by Bayer CropScience, LP. 22 p.	03/22/2011	No	N/A	N/A
48471900	Bayer CropScience (2011) Submission of Product Chemistry Data in Support of the Experimental Use of Cry2Ae (GEM2) in Cotton. Transmittal of 1 Study.	04/07/2011	No	N/A	N/A
48471901	Currier, T. (2011) Analysis to Determine if the Cry2Ae (GEM2) Protein from Cotton Leaves is Glycosylated: Final Report. Project Number: BK05B003. Unpublished study prepared by Bayer CropScience. 32 p.	04/07/2011	No	N/A	N/A
48825900	Bayer CropScience LP (2012) Submission of Efficacy Data in Support of the Experimental Use of Cry1Ab Cotton [Events T303-3 and T304-40) and Cry2Ae Cotton [Events GHB119 and GHB714], and Cry1Ab x Cry2Ae Cotton [Events T304-40 x GHB119, T303-3 x GHB119, T304-40 x GHB714, T303-3 x GHB714]). Transmittal of 1 Study.	05/10/2012	No	N/A	N/A
48825901	Weeks, M. (2012) Final Field Test Report for Years 2007 - 2011 Cry1Ab Cotton and Years 2008 - 2011 Cry2Ae and Cry1Ab x Cry2Ae Cotton. Unpublished study prepared by Bayer CropScience LP. 25p.	05/10/2012	No	N/A	N/A

MRID #	CITATION	SUBMISSION DATE	EXCLUSIVE USE (YES/NO)	EXCLUSIVE USE END	EXCLUSIVE USE START*
49801800	Bayer CropScience LP (2015) Submission of Residue Data in Support of the Experimental Use Permit of <i>Bacillus thuringiensis</i> Cry1Ab, Cry2Ae, Vip3Aa19, and FLCry1Ab. Transmittal of 1 Study.	12/18/2015	No	N/A	N/A
49801801	Miller, R. (2015) Final Field Test Report for Years 2012-2015 Cry1Ab, Cry2Ae, Vip3Aa19, and FLCry1Ab Cotton. Unpublished study prepared by Bayer CropScience LP. 14p.	12/18/2015	No	N/A	N/A
50367000	Monsanto Company, Bayer CropScience LP, and Mycogen Seeds (2017) Submission of Pesticide Use and Efficacy Data in Support of the Amended Registrations of T304-40 X GHB119 X COT102, TwinLink Cotton, WideStrike Cotton, WideStrike 3, Insect Resistant Cotton Seed, and Bollgard II Cotton. Transmittal of 1 Study.	8/31/2017	No	N/A	N/A
50367001	Chandrasena, D.; Price, P.; Rice, M.; et al. (2017) Monitoring the Susceptibility of Cotton Lepidopteran Pests to Cry1F, Cry1Ac, Cry2Ab2 and Vip3A Proteins: 2016 Monitoring Results. Project Number: IRM/CTSC/2017. Unpublished study prepared by Monsanto Company. 20p.	8/31/2017	No	N/A	N/A
50465400	Cotton Technology Stewardship Committee (2017) Submission of Pesticide Use Data in Support of the Registration of MON 15985, MON 15985 x COT102, T304-40 x GHB119, T304-40 x GHB119 x COT102, DAS-24236-5 x DAS-21023-5 and DAS-24236-5 x DAS-21023-5 x SYN-IR-102-7. Transmittal of 1 Study.	12/12/2017	No	N/A	N/A
50465401	Chandrasena, D.; Price, P.; Rice, M.; et al. (2017) Amended Report Title: Monitoring the Susceptibility of Cotton Lepidopteran Pests to Cry1F, Cry1Ac, Cry2Ab2 and Vip3A Proteins - 2016 Monitoring Results. Project Number: IRM/CTSC/2017. Study prepared by Cotton Technology Stewardship Committee. 20p.	12/12/2017	No	N/A	N/A

\*Defined as the registration date of the first Section 3 product containing the new AI or combination of AIs. See 40 CFR 152.83. Each PIP has its own exclusivity period. Exclusivity does not apply to EUPs.



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**Summary Information For  
Company 264, BAYER CROPSCIENCE LP**

**Company No:** 264  
**Company Name:** BAYER CROPSCIENCE LP  
**Division Name:**  
**Office Name:**  
**Branch Name:**  
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ST. LOUIS, Missouri 63167  
UNITED STATES  
**Date of Current Update:** 25-Apr-2019  
**Reason for Current Update:** Letter from Company

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**Summary Information For  
Company 7969, BASF CORPORATION**

**Company No:** 7969  
**Company Name:** BASF CORPORATION  
**Division Name:** AGRICULTURAL PRODUCTS  
**Office Name:**  
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**Contact Name:** DR. CHRIS HOFELT  
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RESEARCH TRIANGLE PARK, North Carolina 277093528  
UNITED STATES  
**Date of Current Update:** 25-Apr-2019  
**Reason for Current Update:** Letter from Company